

*L. arboreus*, Swiss, (good fig. Bot. Reg.  
24, t. 32.) fl. yellow

= *L. rivularis*, Ag., ! spec.  
spont.) but not of Dougl. in litt.  
Linol. Bot. Reg., t. 1595, which is  
a very green-leaved <sup>leaf</sup> protuberant - not hairy  
white & blue, smooth-printed one,  
like *varicolor*.

= *L. macrocarpus*, Hook. & Arn.,  
wood pl. Beechey (written Bardley)  
but the 2 specimens of Merriam,  
are little diff. smoothish, not  
yellow-flowered & no fruit at all.

*L. arboreus*, Sims. fl. yellow.  
= *L. rivularis*, Ag. ! spec. spont. - which  
has yellow flowers, - not at all the  
"*L. rivularis*, Douglas, in list" Lindl.  
Bot. ref. t. 1595, " of which Lindl.  
has no wild specimen. - & which  
is green. & white & blue flowers

= *L. macrocarpus* Hook. & Arn. second  
ed. Bruchey [Bardley in Herb.] which  
has the fruit. - but not Murray,  
whose 2 specimens are not like  
*L. rivularis* Lindl. - the other diff.  
marked at all arboreus.  
now is either in Torr's (Whipple.)  
*macrocarpus*



29. 9 km. long. 200 ft. high. The alpine slopes are mostly bare  
 black, while the lower slopes are covered with  
 open forest by conifers. Some partly forested. Known in 5. Short ridge, 200 ft. high. This  
 corner 2 m. x 1 1/2 m. young specimens of *Pinus*. *Abies* *concolor* *concolor* *concolor*

Cabin in the Rocky Mts foot Snowy Range  
 July 10<sup>th</sup> 1861

Dr Gray

My Dear Sir:

When I first reached the Mts  
 now more than 6 weeks ago. I did not think so long  
 time would elapse without writing or hearing from  
 you. But my time has been so much engrossed in  
 making collections and observations that I have had  
 little leisure for correspondence of any kind and when  
 I had the time and inclination it was generally out  
 of the line of P.O. Now to make up some arrears  
 I must give you a brief outline of my botanical  
 doings in this most interesting region. After making  
 a somewhat rapid collection of plants lower down  
 in the mountains mostly along South Clear Cr. I  
 finally made my head quarters at this point  
 about a month ago. My cabin is situated at the  
 farthest settled point near the foot of the dividing  
 ridge at the head waters of South Clear Cr. From  
 this point a few hours' walk brings me into the  
 true alpine region where trees disappear and  
 patches of perpetual snow are scattered along the  
 ridges of ravines, while the numerous tributaries  
 of Clear Cr. having their sources in ice lakes pour  
 down their torrents of melted snow into the valley below

Please send brief description of *P. flexilis*



The dividing ridge at this point is an irregular rocky crest, inclining considerably to the west, with an average altitude of 10,000 to 12,000 ft. Its western slope leading by numerous deep valleys to Middle Park, which collects the head waters of Grand River, one of the main tributaries of the Colorado of the west. This then including the various irregular ridges, valleys & parks is the field of my principal botanical collections, which I hope will ere long speak for themselves. I find not only a greater variety of plants than I expected to find in such a limited district, but every new location I take still adds something new & striking. I recognize on the summit ridge most of the plants which Dr. James collected on Pike's Peak and I feel satisfied that few if any of his plants will escape my observation besides several which I feel confident will prove novelties. I sent to Dr. Engelman a scrap of a remarkable *Claytonia* growing abundantly in rock crevices on the summit forming dense tufts composed of a rosette of spatulate leaves in the center encircled by numerous flower stalks resembling in appearance but larger than our common *Claytonia*. The root is a dark fleshy tap root, nearly an inch in diameter. Besides this I also found a sp. of *Synthesis*, quite different from *S. Haughtonia*. There are quite a number of tufted monopetalous plants, probably well known but which I have not the means of determining. Lately several *Camporheas*

have been making their appearance. Dr. E. has written me to look out for *Chonophylla* but does not give me much of a clue to identify it. Please send me a more full description, size, color of flower, general habit & location. I shall enclose a few slips before mailing this of plants not identified or supposed to be of special interest or new - a few days since in one of the upper valleys I met with a *Thalictrum* looking plant having deciduous petals, and styles resembling *Isopyrum*. It grows from one to 2 ft high in wet shady places, looking very much like *Thalictrum* *decaisnemii*, but the leaves are more veiny, what can you make of it? What is the specific name of the scarlet flowered *Primula*? which I find quite abundant near the snow line, rooting in the icy brooks of that district. It is quite showy & somewhat fragrant. I have also collected on the head waters of Clear Cr. *Viburnum pauciflorum* answering well to the description in N. A. Flora. I have 3 sp. *Platanthera* collected, perhaps none of them peculiar but I have no means of determining. I have also found quite abundant what I take to be the *Calypso*, a charming plant found at considerable elevation. *Caltha leptosepala* is quite abundant taking the place & habit of *C. palustris* with you also numerous sp. of *Ranunculus* and *Potentilla*. I am collecting several alpine willows, one of them prostrate & creeping. I only



collect such as I can certainly identify in the  
New Series, including leaves. The only deciduous  
trees met with in this part of the mountains are  
species of poplar: besides the well known *Sp*  
*P. angustifolia* & *P. tremuloides*. There are two  
other species, which may possibly be undescribed  
one is near *P. tremuloides*, but differs in habit  
mode of growth, leaves, and color of bark &c. I  
have fruiting specimens to compare with. It is  
more alpine in its location and distinguished at  
once by its peculiar smooth greenish yellow bark  
resembling the beech in texture. The other *Populus*  
I only lately met with and have not seen in  
fruit. It has ~~ovate~~ <sup>ovate</sup> leaves, very underneath  
young buds covered with viscid gum. very different  
however from the balsam poplar of the States. I  
am going to collect full notes & if possible fruit  
of this species, when I visit the locality again.  
The Coniferae include. *P. rigida*. (*resinosa*?) *Banksiana*  
*flexilis*, *Abies alba*, *balsamea*, (*Douglasii*)?,  
and an *Abies* with long pendent cones (3 inch.) and  
pointed scales. (what *Sp*)?. I have written a very  
rascally hasty letter, but I trust it will prove  
interesting especially if I succeed in enclosing  
some scraps of novelties. I hope to hear from you  
at your earliest convenience & get posted in despatches  
address me at Denver city, for we have no mails  
this far, and there are chances of sending down every  
week, any news except war will be acceptable.  
Sincerely yours C. C. Parry



Davenport March 6<sup>th</sup>/62

Dr Gray  
Dear Sir

I received this morning package containing post 1<sup>th</sup> of Rocky Mt plants. No bile! you must take care & not get me too far in your debt.

I also received letter from E. Hall. of Athens Ill about whom you had written me. He seemed somewhat disconcerted that I had got a head of him, but makes me a very fair proposition for hitching teams. I have written him an encouraging letter, saying that I will make arrangements to go with



him, on surrender to him  
the field & my best wishes  
for his success. He proposes  
to furnish the transportation  
as offset to my experience &  
knowledge of the country. plants  
or and in other respects share  
expense & profits. I am  
willing to join him on these  
terms. I glad to do it for  
I like it - he is a good fellow  
& zealous, sharp eyes for plants,  
you speak of full sets being  
more salable than partial ones,  
but you would hardly recommend  
bringing back very common things  
what should be collected on  
the plains? and what plants  
should I recollect? I suppose  
some judgment must be used  
and the plants selected should  
be to the full no

Do you think I would be  
well to have the sets number  
as high as 400.?

You rec<sup>d</sup> my notice of  
Dr James. I will do  
for Silliman?

I am sorry to hear that  
you are so jaded.

The succeeding No containing  
balance of the plants will  
not be out till May,  
and then I shall be off.  
I will write before then  
what number to send on  
here. I shall want a few  
sent to Denver. The 56 copies  
will do. Please indicate  
as you write any particular  
Desiderata, as they occur to  
you

Yours truly  
C. C. Parry.



Davenport March 11<sup>th</sup> 1862

Prof. Fay

Dear Sir

I received your note of 28<sup>th</sup> ult<sup>o</sup> the day after mailing mine to you, I send enclosed \$2. to pay expense as there will be additional cost in procuring & forwarding copies of 2<sup>d</sup> part &c. It will not be too much.

I am well aware of the imperfections in my notice of Dr. James, I had been so long waiting for information, and then only partially supplied, that I drew it up hurriedly, at last, to get through with it — Nothing definite from Hall.

Engelmann is going to get a barometer for me. I hope I shall be able to put it to good use. I wish I could get some instructions from Prof. Fay. Does he not live at Cambridge?

Yours truly  
C. C. Parry



and June 23

Camp on the upper waters of the Platte  
Near South Park June 11<sup>th</sup> 1862

My Dear Dr Gray

I take the opportunity of a P.O. and a leisure moment to drop you a line. Dr Engelmann I presume keeps you posted on our movements to whom I write every opportunity. Enclosing copy of my barometric record. Since reaching the mountains about two weeks since we have but kept busy to keep up with the plants. Fortunately however the season is unusually backward, so that we calculate to miss very few even of the earliest plants. We are now getting into a most interesting subalpine region & have already found several nice specimens not included in last years collection. Every day now adds to the list and our bundles already begin to assume pregnant proportions. The Platte here is quite similar in general aspect to Clear Cr. but the bordering Mts are higher reaching on the south side to the snow line. I expect tomorrow to make a climb up as far as the snow. and see what plants are wintering out. We travel slowly about 5 to 10 miles a day & whenever we come to an interesting locality lay over. We expect in this way to continue to the dividing ridge at the head of Blue River pass over the range, and explore as far down as may be practicable. Then return to Denver by way of the Arkansas making Pikes Peak a visit on our route. From Denver we will then probably make a short visit to my old location at the head of Clear Cr. determine the altitude of To Gros E. and close up the season in the vicinity



of Longs Peak. This is a general program of our plan should it not be interfered with. I feel however much anxiety in reference to my associate E. Hall. Since reaching the rarified air of the Mts together with over exertion has brought on an attack of bleeding at the Lungs to which he has been before subject. This has reduced him very much, so that he has to give up all active work and as we progress still higher I fear a recurrence of this difficulty will oblige him to return to the foot of the Mts. This would be a sad result to our plans, as it would deprive us of our most efficient & sharp sighted collector in the most interesting part of our route. I hope by care he may weather it through and by getting accustomed to that air improve on it. I hope you have sent me some no<sup>s</sup> of lists of plants as far as published? They are careless about transporting printed matter so far and they may miss but if you sent some to Davenport I have given directions to have at least one enclosed in a letter envelope as I shall need it for reference. Please do the same with the succeeding No to be published in July & send if possible an early proof sheet. Let us hear from you for it is always encouraging in this out of the way place to know that our labors are appreciated. I enclose a few scraps of plants found lately. I also send to Dr Engelmann whenever I write, our address will be Denver, where we have made arrangements to store our plants & return to outfit. When I come across anything special to write about I will drop you a line  
Yours truly  
C. C. Parry



Mt. Vernon. foot of Rocky Mts  
July 14<sup>th</sup> 1862

My Dear Dr Gray

I was much pleased on reaching  
Denver to receive your kind letter of 24<sup>th</sup> ult<sup>o</sup>. Since  
last writing you I have been over considerable ground  
and made the ascent of Pikes Peak. elevation according  
to my barometer 13415 ft above the sea. I am proposing  
if time allows to draw up a notice of this trip alluding  
to the general botanical features &c in a letter addressed  
to Dr Gray. to be published if thought advisable.  
Among the plants not found by me last season, is the  
enclosed No 1. also the neat Heuchera? (red flowered,)  
sent to Dr Engel. under the name H. glandulosa. I found  
sparingly Ranunculus (nivalis?) also Sedum stodanthum... and  
a more dwarfish form of Claytonia meg.? Probably  
confirming your views as to its being a var. of the arctic.  
What is the enclosed Thlaspi? from the very summit  
of the peak growing with Claytonia meg.? Quite a number  
of alpine plants usually met with. I did not find one  
Pikes Peak. — There is no doubt now that the plant  
collected by me last year and recognized by Engel as "P.  
flexilis" is the original sp. P. aristata gives the  
also but is much more rare & mostly confined to  
the higher points of the growth. Our ascent was made Aug 1<sup>st</sup>

I doubt not see many of Phacelia — on Pikes Peak — (low range)



took 2 days for it - very hard climbing, at that.  
we slept the 1st night at the highest limit of tree growth  
height of camp, 11400 ft above sea.

I fear we shall not be able to do much in collection  
of pine seeds except perhaps A Douglasii and Hemiparvii  
as they ripen so late. The last Hemiparvii is also a  
very fine tree & much quicker growth than A Douglasii.  
We can get plenty of seed of Pinus contorta (very different  
from P. Banksiana last season) from 2<sup>d</sup> year cones,  
which remain closed till 3<sup>d</sup> year. It is also a most  
delightful tree. In another letter I will send you fruit  
of Artemisia Parryi.

Hall's health is improved, but he is not able to do  
much climbing - A serious disagreement has taken  
place between us on the policy in making our collection.  
Hall has been from the 1st intent upon making a  
large bulky collection including the most common  
plants collecting as high as 40 to 200 specimens, with  
the idea of making money. Collecting in this wholesale  
way, he does not take much pains to make neat good sized  
specimens, in order to complete the drying as soon as  
possible he puts his plants into hot, sun-dried paper  
thus making specimens crisp & brittle. I have  
objected to him & again to all these things, but it is  
no use as he is very self opinionated & conceited.

The consequence has been a very disagreeable feeling  
between us so much so that I have been several  
times on the point of separating - They object that  
I do not do my share of the work in collecting which  
of course I am not willing to do in getting together  
a mass of unsalable stuff. Hall quotes your words  
to him "to collect every thing in the Mts." to include  
the most common plants that grow wherever water runs  
& the sun shines - proper enough if he wants collect  
only a few. 5 or 6 instead of 30 & 40 - Now we are  
wasting time on the low ground when we should be  
on the higher summits. - The consequence of all  
is that the collection will fall far below my expectations,  
both in value of species and quality of specimens,  
of course diminishing their salability, and scientific  
value. I mention these facts not wishing to  
prejudice your mind but in justice to myself. I  
shall continue to do the best I can, but the  
matter will probably be referred to you particularly  
in settling what plants will do to go into the sets  
for sale. I shall be in favor of reducing them  
materially as an act of justice to subscribers.

By the way shall we have to make distinct sets for  
my old subscribers to include any the plants new  
in this seasons collection?



We are now on our way to my old home at  
the head of Clear Cr. I hope to be able to get over  
some distance into middle Park. There is a surveying  
party now exploring passes for a Pacific R.R. route which  
I shall very likely join at least in making excursions  
to different points. I have a letter to the surveyor  
General in charge, who I have no doubt will be glad of  
my cooperation in making botanical observations.  
As I suggested to be Tracy. I think it would be  
very desirable for me to get some situation out  
here in the Genl Land Office, where I could accompany  
surveying parties to different points. There is a large  
sweep of most interesting country. South & West of  
this which I would like to explore, but in justice to  
my family, and slender pecuniary means, I must be in  
a position to earn something over and above expenses  
for my labor & privations. I have made acquaintance  
of most of the Territorial officials, including the  
Governor, and I think made a good impression. If  
some of my Eastern friends would do something for  
me in this matter I think a satisfactory position  
might be got. — I must close this letter more of a  
personal than botanical nature.

Yours truly

C. C. Taylor



In the selection of plants I  
have selected mostly such as  
are different from the collection  
of last season or different state  
I believe I have collected  
all my previous ones covers  
the most interesting in large  
amounts except when I knew  
them to be included in Halls  
collections. You will notice in  
his last letter he mentions that  
he is not distributing the plants  
collected by me, in his hands  
but says nothing what he designs  
doing with them unless to keep  
as hostages for my good behaviour.

I received your Catalogue on  
Bulky. How strange! Have you  
sent to Dr R. extra copies of  
part 3<sup>d</sup> Pl Parry; for me he  
writes that he has but 10. I  
should like at least 30.

Very truly Yours

C. C. Parry

Davenport Nov 13<sup>th</sup> 1862

My Dear Dr Gray

I have  
just finished packing a box  
for you containing seeds, a  
selection of plants, and sundry  
odd & ends such as I supposed  
would interest you. They will  
go off by express tomorrow &  
so reach you early next week.  
I have the pine seeds packed  
in small ampans mixed  
with dry earth, and parcels  
of cones containing seeds. in bags.  
The empty cones will be useful  
for specimens, you will want  
to look them over & take out  
what you want & repack  
for England. I have the top  
of the box screwed down so  
that it can be used again  
if desired. You will find two  
pieces of Gray's Peak for you  
& Dorsey, and a specimen of



Mr. Gayle for Prof. Fay.  
The scattered patches of Lichen  
will help to give you some  
idea of the aspect of these  
elevated points.

I have still on hand the  
greater part of seeds of *Abies*  
*Douglasii* & *A. Menziesii*, which  
I never would not be saleable  
in Europe, but might perhaps  
be disposed of in this country  
to horticulturalists - the seeds  
especially of *A. Menziesii* are  
quite Eschschum to the cones  
and I suppose will keep well  
in that condition. *A. Menziesii*  
is quite a favorite of mine  
and I would strongly recommend  
it as a slightly tree of rapid  
growth, and beautiful proportions  
in favorable situations. I have  
seen hunters nearly a foot in  
diameter with 36 annual rings!!

It prefers a moist soil on the  
edges of brooks, while *A. Douglasii*  
chooses dry hill sides -  
Dr. Engelmann & I are having  
quite a time in settling  
about what I call *Abies Engelmannii*  
(our *A. nigra*.) from numerous  
observations I conclude it must  
be distinct from the Eastern tree  
very different in habit &  
from the species I am acquainted  
with in N.Y. our Rocky Mt tree  
has redish almost slippy bark  
and soft white wood. grows in  
a sharp pyramidal with drooping  
branches & cones, ranges from  
8000 to 12000 ft elevation  
in the latter situation disparting  
the ground with *Pinus aristata*  
and having the same ovate  
prostrate trunk & branches  
In some respects it agrees very  
well with *A. Millierii* some of  
our best maps



Davenport Nov 18<sup>th</sup> 1862

My Dear Dr Gray      Thanks for  
the Decision, which I accept,  
and will act upon. I have  
so written to Hall. I have  
written to him to send me on  
a full set of his plants so  
that I can find out what  
I have, not included in his  
collection, as soon as this is  
ascertained I shall pack to  
you the specimens of mine  
necessary to complete the  
sets. As he has not the means  
of ascertaining how far his plants  
agree with my collection, last  
year I suppose he will have  
to use other numbers for the  
sets.



I think I shall be able in  
course of time to solve the mystery  
of the "Kond Li". The lady has a  
brother still living in that  
locality, and will write to him  
to collect & send on full  
material. I hope to hear from  
them this winter and get  
fruit and withered leaves if  
possible. Next season the  
flower must come. I have  
written very full & explicit  
directions about collecting and  
preserving specimens in different  
states, and used a little "blarney"  
to excite an interest in clearing  
up this puzzle. So I hope it  
will eventually come to light -  
You will have received my box  
of seeds & specimens about which  
I wrote you. If you have time  
please indicate the names of  
such as are not included in

last years collection.

Probably Hall will consent  
to my using the balance of  
my collection. after he has made  
his pick in the way of exchanging  
for books or specimens. If so  
I may send them on I want  
at least by purchase or otherwise  
the last published vol of  
Dr Prd. -

Do the best you can with  
the seeds sent having regard  
primarily to the cause of Science  
& secondarily to the pocket wants  
of Yours truly  
J. S. Parry



parted. — S. I did not get  
the *P. Jamesii* last year  
but near *P. glaucus*, try &  
get *P. glaucus* in cultivation  
it is splendid, and I think  
the seed is good, —

Yours truly  
C. C. Tansy

Enclosed. Crucif. from the  
range between Middle Park &  
North Park Oct — from  
J. F. Packard

Davenport Iowa  
Nov 25<sup>th</sup> 1862

My Dear Dr Gray Recd yours of  
19<sup>th</sup> & 20<sup>th</sup> inst. also the parcel  
of Pl. R. 30 no. Thanks for  
the names sent, would like  
the names of the sp. *Lynx* &  
besides, *L. hirsutiflora* var  
2 from Middle Park, one with  
long leafy spike from Empire City  
& one from the plains.  
I think it would be well  
to have a miscellaneous set  
of the more choice plants  
with you to select for Hooker  
and others. Don't know what  
Hall may think of it, we  
might object to my doing it  
as contrary to our agreement  
by which I am bound not to



sell any over, but in my  
hands for a year.

I am glad you are going to  
take note of the *Setragalis*  
you will find Hall's collection  
rich in flowering specimens.

Not a word from Engelmann  
the last two weeks. I sent  
him your notes on Comp.

At last, yet from Healy, I  
expect he found his bulb  
collection quite a job to  
unravel. I hope to get this  
week from him my set of  
plants so as to know what  
to send to complete the set.

A letter has gone to Pike's Peak  
for that "Pond Lily" expect to get  
a capsule this winter.

I think I should prefer  
to sell the rest of my pine  
needles in this country, where  
they would be more of a

novelty. If the Rochester  
men will take them at a  
fair price I will send them  
the whole stock. The main bulk  
is *S. Menziesii* well adapted  
to that locality.

Hall Hall written you about  
seeds? he was collecting quite  
largely, but in small quantities  
each species. he left too  
early for pine seeds.

I send a sketch of a  
sent me by a correspondent  
from across the range too  
little to make much of —  
I have more 2 copies of  
Engelmann's. Engelmann  
sent me a parcel. If you  
can send me 12-15 copies  
of *revision Pseudotsuga* please  
do so. I hope you will get  
Halls in time. several nice  
ones in the collection, and



(Davenport Dec 1<sup>st</sup> 1862)

My dear Mr. J. I have just  
received your letter of  
21<sup>st</sup> B. I have been, for  
balance of some time  
I shall like to see you with  
me. The winter is so fine  
that it is a pleasure  
to be out. I am sure you will  
be. I hope to see you soon.  
I am sure you will be  
interested in the collection  
I suppose I shall get  
some more in the winter



an evening in Scotland  
and at the same time  
in the north as I needed  
to go to the north  
of the mountains as well as  
tell you something of the  
north, either by name or  
number, as you  
will see.

and I will be I think

from a distance

L, L, W.

I will be happy to  
see you at the end of the



mechanical labor of your hands  
and get the run of authentic  
species ~~etc~~ My own herbarium  
needs a thorough overhauling, many  
specimens unlabeled, and others  
not satisfactorily determined

Is not the red flowered Pedicularis  
in Hall's Collection P. Cuneolata  
D.C. Prodr.

You find no doubt Hall's collection  
rich in Carexes, any new ones?  
By the way I notice you do  
not name in the printed list

392. the most alpine Carex  
growing on the very summit  
of the Sun range I have  
it again this year —

Have you noticed in what  
specimens of last years collection  
Hall's sets are deficient?  
I will write with the plants  
sent next week

Sincerely yours  
C. C. Savory

Davenport Dec 5<sup>th</sup> 1862

My Dear Dr. Gray,

I have your letter  
of 1<sup>st</sup> & send the same to Hall as  
requested. The arrangement you  
propose will be quite satisfactory  
to me, but I think Hall will  
not agree to it. He has not  
sent me my set of plants, as  
I requested, in order to select from  
my set any deficiencies, if I  
had it, I could then make up  
supplementary sets so as to save  
you the trouble of handling. I have  
my collection now each specimen  
numbered, as last year & running  
on with the new ones commencing  
at 403. where I left off the number  
as now in hand is 441 perhaps a few  
more — You do not say whether  
Hall's sets contained any of my  
collections, while with him and left  
in his hands, though as he probably

collected the same. he did not  
include mine in the specimen set  
What number of sp does he make  
out? I am glad to notice in your  
criticisms a corroboration of my  
views before given. What was  
a constant source of irritation to  
me was to see so much industry  
wasted in wholesaling scraps, any  
suggestion of mine to the contrary  
was either disregarded or sneered  
at. There was no reason why  
the whole collection might not  
have been made saleable at 88.  
per 100. but I told him repeatedly  
that you would never pass such  
specimens on your correspondents  
at that price. I told him positively  
not to send his pines to the Engländer.  
I hope he will benefit by your  
criticisms, as I have done.

I now think in case I do not  
get the set of Hall's plants this week.  
That I will pack for you early  
next week all my plants except  
retain sets for myself & Hales  
You are aware that by the terms  
of our written agreement I am  
not at liberty to sell any surplus  
left after supplying Hall's sets for  
one year after Nov 1<sup>st</sup> (past) but  
perhaps he will be willing to  
waive that ungenerous condition,  
especially as he has no objection  
on selling his large surplus — of  
10 or more full sets after sending  
you 25 sets —

I send you the balance of my  
seed. (before this in your hands)  
in time to pack next week.

How I should like to have  
a month or so spent with you  
to assist in sorting, in arranging  
the collections & take some of the



(Davenport Dec 5<sup>th</sup> 1861)

My Dear Dr Gray,

Having in vain been from  
Hale, and to receive my set of plants by which  
I could arrange mine into systematic order,  
now forward the whole by express leaving the  
selection with you. I should have been glad to  
save you this extra labor, but as the number  
of volumes is not large, and are all  
ticketed together, (the number being also  
marked on the corner of the papers, it  
will not be difficult by referring to the  
accompanying list to pick out what you  
want, and you can probably get some assistance  
from one of your students, & pay in plants.  
The list enclosed is in the order in which  
they are packed in the boxes & the  
numbers commencing at 403, being put  
in near where they belong, the number of  
specimens as you will notice is quite  
irregular, but the more interesting in the  
lower amount & will probably suit your  
purpose plans of revision, having made  
sets for my old subscribers who could not  
come to get a full set of Halls.

about a fair division if proceed. I should  
think it no more than right. That Hall  
should allow me at the rate of \$10.00 per hundred  
or what he picks out of my collection to  
increase the value of his. Whatever is  
left, if Hall still insists on excluding them  
from sale, please use them in the way of  
exchange either for books or good specimens  
of interesting North American plants, or European  
alpine plants. I should prefer however, illustrations  
to books. such as Hooker's Scand. Fl. &c.  
It is my intention when I see my way  
clear to spend one or two seasons in the  
Old world. I should particularly like to spend  
a Summer in the Caucasus  
A good letter from Torre, in his inimitable  
friendly style incloses a fine Photograph. Now  
I must have "Z" to match. I will return  
you a complement just good chance.

may, 1892.

P.S. Mrs P. at my side says "be sure tell Mr Gray to put  
his autograph" on the back of Photograph "She has  
a ~~place~~ bag for it in her album -

| Number of<br>List Specimens | 1  | 2   | 1  | 2                                   | 1   | 2                                  | 1   | 2                            | 1          | 2                            | 1    | 2   | 1        | 2 |
|-----------------------------|----|-----|----|-------------------------------------|-----|------------------------------------|-----|------------------------------|------------|------------------------------|------|-----|----------|---|
| Combination                 | 1  | 14  | 52 | 14                                  | 416 | 20                                 | 142 | 1                            | Non-petula |                              |      |     | in young |   |
| 8                           | 30 | 63  | 18 | 417                                 | 20  | 147                                | 35  | 267                          | 6          | 242                          | 20   | 446 | 10       |   |
| 7                           | 9  | 26  | 15 | 418                                 | 20  | 171                                | 5   | 210                          | 4          | 243                          | 10   | 441 | 8        |   |
| 4                           | 8  | 24  | 10 | 419                                 | 6   | 167                                | 20  | 205                          | 4          | 246                          | 4    | 441 |          |   |
| 403                         | 14 | 21  | 5  | 420                                 | 16  | 163                                | 17  | 215                          | 10         | 311                          | 8    | 333 | 20       |   |
| 10                          | 28 | 25  | 17 | 421                                 | 26  | 168                                | 28  | 208                          | 9          | 313                          | 3    | 368 |          |   |
| 54                          | 18 | 23  | 16 | 422                                 | 28  | <sup>Saxicraga</sup><br>hieroglyph | 6   | 278                          | 3          | 364                          | 26   | 372 | 10       |   |
| 32                          | 6  | 56  | 33 | 423                                 | 21  | 165                                | 10  | 234                          | 25         | 305                          | 40   | 392 |          |   |
| 2                           | 5  | 66  | 25 | 424                                 | 18  | 144                                | 10  | 231                          | 5          | 306                          | 20   | 442 | 5        |   |
| 44                          | 10 | 71  | 26 | 62                                  | 2   | 145                                | 6   | <sup>St. ...</sup><br>... .. | 2          | 307                          | 25   | 385 | 10       |   |
| 41                          | 11 | 72  | 25 | 425                                 | 3   | 130                                | 10  | 277                          | 11         | 439                          | 28   | 396 | 15       |   |
| 45                          | 8  | 404 | 13 | 426                                 | 2   | 129                                | 20  | 283                          | 8          | 440                          | 22   |     |          |   |
| 12                          | 17 | 405 | 3  | <u>Summa</u>                        |     | 433                                | 6   | 256                          | 38         | 310                          | 1    |     |          |   |
| 49                          | 8  | 406 | 20 |                                     |     | 179                                | 6   | 248                          | 14         | 300                          | 5    |     |          |   |
| 13                          | 25 | 407 | 8  | <u>Polypetala</u>                   |     | 434                                | 6   | 249                          | 15         | <u>Aperata</u>               |      |     |          |   |
| 61                          | 14 | 408 | 30 | 76                                  | 8   | 178                                | 20  | 250                          | 14         | 438                          | 6    |     |          |   |
| 51                          | 30 | 409 | 7  | 89                                  | 8   | 135                                | 1   | 251                          | 9          | 317                          | 0    |     |          |   |
| 55                          | 25 | 410 | 15 | 94                                  | 21  | 124                                | 13  | 253                          | 26         | 317                          | 2    |     |          |   |
| 61                          | 19 | 411 | 8  | 81                                  | 27  | 120                                | 20  | 255                          | 16         | 333                          | 10   |     |          |   |
| 51                          | 30 | 412 | 6  | <u>Thalutium</u><br><u>Farolani</u> | 4   | 436                                | 6   | 257                          | 10         | <u>St. ...</u><br>... ..     | 20   |     |          |   |
| 52                          | 25 | 413 | 25 | 84                                  | 16  | 123                                | 11  | 255                          | 5          | <u>St. ...</u><br><u>bin</u> | 4    |     |          |   |
| 58                          | 11 | 414 | 4  | 99                                  | 18  | 158                                | 4   | 257                          | 20         |                              |      |     |          |   |
| 27                          | 18 | 415 | 6  | 143                                 | 25  | 155                                | 3   | 240                          | 3          | <u>Total Number</u>          |      |     |          |   |
|                             |    |     |    |                                     |     | 437                                | 20  |                              |            | <u>Specimens</u>             | 1965 |     |          |   |



No of plants in my collection since July 21<sup>st</sup>/82.

Copied from note book (nearly correct)

| List No | No. of Specimens | Remarks         | List No                          | No Specimens | Remarks            |
|---------|------------------|-----------------|----------------------------------|--------------|--------------------|
| No 1    | 30               | Hall has it     | 53                               | 5            |                    |
| 8       | 35               |                 | 55                               | 40           |                    |
| 4       | 12               |                 | 56                               | 38           |                    |
| 7       | 12               | Hall abundant   | 58                               | 12           |                    |
| 10      | 35               |                 | 61                               | 20           |                    |
| 13      | 30               |                 | 62                               | 12           |                    |
| 21      | 20               |                 | 63                               | 20           |                    |
| 23      | 18               |                 | 72                               | 25           |                    |
| 24      | 15               |                 | Several Troximus I am not        |              |                    |
| 25      | 15               |                 | certain about                    |              |                    |
| 26      | 15               |                 | 75                               | —            | Hall plenty        |
| 27      | 20               |                 | 76                               | 12           | Hall plenty        |
| 32      | 10               |                 | 79                               | 35           |                    |
| 34      | 3                |                 | 81                               | 35           |                    |
| 41      | 30               |                 | 84                               | 15           |                    |
| 42      | 20               |                 | 89                               | 15           | (Low alpine form)  |
| 43      | 10               |                 | 90                               | —            | Hall has it a very |
| 44      | 10               |                 | distinct variety almost twining? |              |                    |
| 49      | 10               |                 | 96                               | —            | Hall plenty        |
| 50      | —                | Hall has plenty | 99                               | 20           |                    |
| 51      | 30               |                 | 113                              | 12           | Hall plenty        |
| 52      | 15               |                 | 123                              | 15           |                    |

# List Continued

| No in list                                                | No Specimen                   | Remarks                                     | No in List                                       | No Specimen         | Remarks                                       |
|-----------------------------------------------------------|-------------------------------|---------------------------------------------|--------------------------------------------------|---------------------|-----------------------------------------------|
| 129                                                       | 25                            |                                             | 234                                              | 35                  |                                               |
| 132                                                       | 25                            |                                             | 237                                              | 15                  |                                               |
| 138                                                       | 2                             |                                             | I have about 15 specimens of                     |                     |                                               |
| 142                                                       | Dwarf sp from Pike's Peak     |                                             | all the alpine Castilleja. except <sup>245</sup> |                     |                                               |
| Hall has <u>Playfairia aquatica</u>                       |                               |                                             | 248                                              | 30                  |                                               |
| 143                                                       | 30                            |                                             | 250                                              | 20                  | Hall plenty                                   |
| 144                                                       | 20                            |                                             | 251                                              | 15                  |                                               |
| 147                                                       | 30                            | I have only met with this at one locality - | 252                                              | full set in Hall's. |                                               |
| 158                                                       | a few good fruit specimens    |                                             | 253                                              | 30                  |                                               |
| 163                                                       | 20                            | alpine form                                 | 255                                              | 25                  |                                               |
| 165                                                       | 20                            |                                             | 256                                              | 40                  |                                               |
| 164                                                       | 30                            |                                             | Hall has all the <u>Pentstemon</u> s             |                     |                                               |
| 167                                                       | 30                            |                                             | 267                                              | 10                  |                                               |
| 168                                                       | 30                            |                                             | 274                                              | 20                  |                                               |
| <u>Saxifraga hircifolia</u> 10                            |                               |                                             | 288                                              | 10                  |                                               |
| 170                                                       | 35                            |                                             | 295                                              | 10                  |                                               |
| 176 & 177                                                 | Hall has plenty               |                                             | 297?                                             | 30                  | abundant on Mt Flora                          |
| 178                                                       | 25                            |                                             | 304                                              | 30                  |                                               |
| 179                                                       | 10                            |                                             | 305                                              | 50                  |                                               |
| 191                                                       | Hall has <u>200 specimens</u> |                                             | 306                                              | 30                  |                                               |
| Hall has all the <u>Astragal</u> i                        |                               |                                             | 135                                              | 20                  |                                               |
| in great abundance, quite a number not in 1861 collection |                               |                                             | 307, or 309?                                     | 30 specimens        |                                               |
|                                                           |                               |                                             | 311                                              | 10                  | Hall has 30 sp collected by me on Pike's Peak |

## List continued

| No in List | No Specimen |
|------------|-------------|
| 317        | 25          |
| 353        | 30          |
| 396        | 20          |

Plants new to collection

Grapholium alpinum 40 sp

Smother leaved Sonch 35 "

Senecio fragi 16 " Should have got more but took it for variety of S. Fremontii

Lysichiton leaf spike 30

" small bushy shrub from Middle Park 30 sp

" linear leaves Middle Park 8 "

Helianthus multiflorus 20 sp

Helianthella - ? & Aplopappus radiata no specimens

Parnassia parvifl & P. puberula 30 sp each

Sidalcea candida & S. Malva 10 sp each

Umbellid Senecio small flowers 25 sp

Aster blue fl 25 sp

" white fl 30 sp

Erycium - glabellum - ? 25

Thus I think includes pretty much all the collection in my hands I avoided collect, what I knew Hall had, or would be most likely to get I should have sent them three weeks ago if I had known what arrangements would be made. I wrote Hall this the day after



I received the set from him I would send  
on mine that is there that were necessary  
to complete the sets you know that by an  
agreement I am obligated not to sell or  
overplus on my hands. I don't know what the  
overplus may be till I see what he has  
collected since we parted perhaps he will be  
willing to have an even them in the way  
of exchange for books or specimens I think  
I had that understanding with him

I cannot conceive what he is about this  
long time now 10 days since I wrote advising  
him of your decision & my acceptance  
Your experience will be different from mine.  
If you get on smoothly he is so obstinate &  
self opinionated I think he will want to  
number in respect of my published list and so  
make confusion and extra work I want  
to bring out some general views of distribution  
of plants when I get a full set & how about  
labels. I suppose you would advise me for  
including all these collectors? How would it do to  
define boundaries by Lat & Long. as in Mex Bdy?  
I wrote yesterday about seeds no fresh ones  
from Engelman

Yours truly  
C. C. Parry

Manuscript Oct 2<sup>nd</sup>, 12

My dear Mr. [unclear],

I have rec<sup>d</sup>  
a few days ago, a set of Hall's  
plants. Have been looking over  
and comparing, &c. The good thing,  
turn up semi-occasionally,

"Apparent rare" &c.

A little "scathing" won't hurt them  
much. Some species making,  
as in Russian *maurandia* - and  
*saxifraga cernua*, &c. I did  
the same - That alpine  
*Penstemon* is grand.

I notice Hall has my *ma*  
*Linsagris*. also *Senecio rayi*.  
Says, as to the latter is it not  
after all a form of the polymorphous  
*S. in arctic*?



How then nice Campos tear  
What I do not get

What is 201? is it a mi-  
laland from a six page Hercules?  
What is 143?

" 43."

If you are sending Hall your  
notes please request him to  
return this way, or in case  
you send this way 1<sup>st</sup>, I can cope  
what I want & reward & Hall  
with less delay than sending through  
him - Either way will suit  
Hall did not write whether  
he accepted my proposal to  
sell out to him perhaps is  
waiting for your advice.

I sincerely hope he may, for fear  
your patience may get exhausted  
"Sir Richard Vaughan" has made  
the first move

Hall sends me a small  
parcel of my own collection  
the greater part being as I  
judge inappropriate in his collection.  
Some years I would like  
to send you, but not enough  
to make up an express parcel  
I think I will try & pack  
by mail as cuttings. -

Miss P. and many thanks for  
your picture, mine will go  
on in due time. Hope you  
are having a merry Christmas.  
It is dark & rainy here.  
more like Spring than winter

Sincerely yours  
C. O. Davis







If this is not practicable, and no  
incidental situation offers, in Canada  
or Nevada, I might feel like a  
short trip to the Rocky Mts. later  
in the season to secure any select  
plants, and seeds the latter to be  
collected in quantity of 100 will  
pay, for two to go on prepared  
to collect largely of the different  
Conifers.

The photograph is held  
subject to order. if only a season.  
You must determine the length of  
the visit —

I take it you will make  
a dead job of this years list of  
plants, and finish it, as soon as  
possible, good! if you get help  
and don't work too hard. — Why not  
run away yourself next season  
to the Rocky Mts. it would do  
you good.

Sincerely yours  
J. D. Sargent

Ark. June 15<sup>th</sup> 1843  
Davenport July 5<sup>th</sup> 1843  
My Dear Dr. Gray

Yours of 21<sup>st</sup> ult<sup>o</sup>  
received also (via Hurd), Dec 1/4,  
and the late & range of the last  
if you supply Engelmann —  
I am uneasily in doubt whether  
Hull really & unconditionally accepts  
my offer to buy me out! I thought  
he seemed somewhat staggered  
by your final conclusion in  
regard to the distribution, by  
which he might think that in  
raising the price of his sets &  
lowering mine to make an  
even price, mine was actually  
worth less, I do not think  
this was your idea, but only to  
simplify matters, a very desirable  
consumation. I still hope that  
the final result will be as I wish  
write you, a sale entire & for  
the round sum of \$250 &



The specimen of wood. A. Engel.  
was only a shaving of a nice specimen  
I have dressed up for you showing  
a cross section from pith to bark  
of small seps tree very uniform  
in growth, 74 rings, will send the  
first opportunity. I am not surprised  
that the tree should have the range  
you mention; and it is fortunate  
for its specific identification that  
it should be studied, where A. alba  
and A. nigra are not found —  
Can it be in the Engelmann manner  
suggests the mythical A. rubra?  
not a bad name if the term rubra  
applies to the bark —

A few more items of observation  
in regard to the Pond Lily in answer  
to some inquiries the lady writes  
grows in deep water on the border  
of a clear lake, leaf floating, like  
Common Pond Lily, flower globular  
enclosing & concealing the short stamens

This brings it quite close to  
Staphan I am promised specimens  
of the plant and the precise  
locality is mentioned within a  
days drive of Denver !!.

My thoughts are inclining to  
Kewada Terra for next seasons  
operations. if I can make it  
out. but it would be almost  
too formidable for a private  
enterprise and involve expenditures  
for which I have not the means  
to provide, It might be done if  
say 20 subscribers could be found  
to advance \$50. each and run  
the chances of getting them per-  
vaded in plants and seeds. I think  
there must be a district there  
sufficiently settled to afford facilities  
for exploration, and not so much  
explored as to take off the cream  
of plants — This will do for  
them about at least

transportation they had it  
might have been that I  
perhaps cannot fairly judge  
of its actual merits  
Engelmann is strangely  
silent of late I get no  
answers from him to direct  
questions. —

Yes if I could only ride on  
a Rail into Nevada Terr.  
I would gather some more  
botanical creams. Plenty to  
do out there for 5 years  
yet —

Sincerely yours  
C. C. Parry

Thompson. Aug 16<sup>th</sup> / 63

My dear Dr Parry I have just  
received yours of 10<sup>th</sup> inst  
I am annoyed with a little with  
Halls vacillations. he accepts  
my offer with so many proviso  
and conditions that it is hard  
to say whether he accepts or  
not and it generally takes  
not less than 3 weeks for  
letters to pass between us.  
I hope however before long to  
pin him down to a yes or no  
on so much, for so much,  
unconditionally. — By a letter  
received from him last even  
dated Dec 31<sup>st</sup>! he makes two  
offers. which as well as I  
can understand is a bid for  
me to pay in price, heretofore  
specified and I thought definitely  
accepted. so I write the same



agreed. I to take \$240 =  
out of proceeds of sale of the 12 sets  
i.e. \$20 = per set as sold  
he to pay all express charges  
on the collection in his hands  
I to pay only for freight on my  
"long box" — so I advise him  
if that settles it to write to  
you and instruct accordingly.

I have just packed up a large  
part of my botanical library  
for the book-binders, which will  
knock me out of botany for  
about a month.

The Helianthella I will re-  
+ pack securely & send to mail  
I noticed and collected. Pedicularis  
Emulata and write you about  
it — my specimen has a stalk  
of 30 capsules. The locality is  
not exactly South Park but  
an elevated valley of the Platte  
between South Park & Pikes Peak.

Hells to 66 = my 297. you will  
have full material for now  
my last years specimens  
was a struggler its true  
place is alpine rock crevices  
I should like copy of  
Gen. Plantarum, on the form  
you mention if not too thick  
to send by mail & charge me  
with postage.

I think Hall profited by my  
criticism, though he did not  
like it at the time, and put  
on side many species which  
he collected, which I do not see  
in the set. He also improved  
after parting from me by  
duplicating species by gathering  
specimens. I am sure  
that you find it improve  
on studying — it only comes  
so far below my beaver level  
of what with the facilities of

(Davenport Aug 11<sup>th</sup> 1863

July 21 1891

[illegible]





I sometimes think it would  
be better for me to put the  
actual value of this into a  
more directly useful shape,  
i.e. systematic notes for study  
or reference. - Still when it  
comes to the point, I should  
have to put with it, and  
perhaps, a treatise such as I  
suggested would not be practicable  
now. would you advise  
in the matter?

I send you a scrap from  
the *Gila* see enclosed.

Sincerely yours  
C. C. Tarr.

Davenport Iowa

March 13<sup>th</sup> 1863

My dear Mr. Tarr

Without having  
much to write about, I must still  
try & keep my mind in. Spring is  
making its way along, and with it  
I suppose will come the season  
to be off in my juvenile pursuit  
of gathering strange plants in  
new fields. but as yet nothing  
definite seems to offer.

I shall feel almost tempted  
in case of favorable news from  
my pine seed, to undertake still  
another journey to the Rocky mts  
perhaps late in the season, to  
secure first of all full material  
of that "Pond Lily?" and then by way of  
my route pick up still a few  
more new things. Has Engelmann  
written to you about his proposal  
to Shaw, to procure full material



of this interesting record, and publish  
in four colored plates, at Stephen's  
Shore. !!! Shore is "thinking" about  
it - I have the locality, not much  
over a days journey from Denver!

But what about this pair of bones  
etc. The bones were it was?  
That advance pay to the father  
suspectious, if it is to be made  
a year's affair the amount raised  
will not cost much to run.  
but it seems to me there ought  
to be at least confidence among  
the originators, to mean the  
expense of outfit at least - Still  
it is worth encouraging at least  
and I hope sincerely it may be  
carried out

There seems a - present  
rather a threatening aspect of  
things in Utah - more favorable  
to fighting. That naturally,

The other day I received  
a letter from Josiah Hoopes  
of Freshchester Pa asking about  
cost of the pair seeds. I sent  
him a small parcel, - I expect  
soon a chance of a private kind  
to send you some - add. & send  
as far as Boston? - That inquiry  
master was very satisfactory.

About books, I have just got  
my set of DC from the binders  
also Flora N.A. sadly battered by  
15 years use - now rejuvenated.  
recap - the gaps to be filled up  
when? -

I have in my possession an  
old 10 page colored copy -  
the new copy, yellow - pages  
which I was fortunate enough  
to pick up in a book stall in  
New York seven years ago  
it is in perfect order & cost  
me at the time but \$25. -

Davenport April 2<sup>d</sup> 1863

My Dear Dr Gray I have your  
letter of Mch 26<sup>th</sup>  
yesterday. (Which) as per advise  
I drew on you for \$130.00  
payable by C.W. Loring

So you have heard from the  
seeds. not very encouraging  
but as I have not been very  
sanguine. shall not be much  
disappointed. I should still hope  
notwithstanding the "glut" that  
the new things would go off  
and if expenses are not heavy  
and I can get some benefit  
by exchange. may still do  
tolerably well.



I wrote to Joe Junley the  
new appointee for Arizona,  
asking him if he wanted a  
naturalist or Physician in  
his staff, who has been in that  
Country. He writes that he  
would like to have me along  
but no vacant berth yet.  
He does not leave till July  
& something may turn up  
in the mean time. I am  
not at all anxious to go  
so far but if I could work  
along so as to get a seasons  
botanizing about those higher  
Mts. San Francisco &  
might do well.

I hope you will have  
a good time in May

Sincerely yours

C. C. Parry

PS If I get a chance to send  
you a small parcel by private  
hand will it do to have it  
left at C. W. Loring & Co or where  
in Boston?

I infer from your last that  
our noble friend ~~some~~ has  
been sick, with a pulmonary  
affection. I hope not serious  
the thought of losing such  
a good friend whose conscientious  
kindness for many years has  
endeared him to me like a  
father causes a pang, which I  
hope, later news of his recovery,  
may relieve.

I have no special need  
for coming on you at present  
till as Edwicks notify you  
a few days before hand. I  
hope soon you would get a  
settlement from Hooker, so  
that I may know how the  
final account will stand; there  
was I believe part payment on  
one of Halls sets not included in  
last balance. to complete the \$240.  
from him. Sincerely yours L. B. Barry

Davenport April 23<sup>d</sup> 1863

My Dear Dr. Gray

A year ago I  
was on my way to the Mts.  
now I am still uncertain as  
to what it is best to do. In  
the mean time I am busy  
renovating my garden, which  
has suffered from two years  
absence. I have some idea  
of making still another trip to  
Colorado Terr., what most stands  
in the way at present is to  
see clearly how I can make it  
pay. I have thought by combining  
several things and securing  
a congenial associate I might  
still find profitable employment  
there. My plan would be to rig  
up a light conveyance, and go  
through in quick time, paying



attention only to rare plants +  
choice seeds. Arriving in the  
Mts say in July. I would first  
secure material for that Highway?  
and ascertain if there is a  
chance to secure seeds for cultivation  
then push as far as I can to  
the west. continuing my  
geographical researches by  
collecting any new or desirable  
plants, + seeds. Also make full  
sets, 20 or more, of the Coniferae  
including sections, of wood, bark  
cones &c. to sell say at \$5.00 per set.  
Continue the collection of choice  
seeds through the season. collecting  
largely of the Coniferae not in  
cultivation. At the close of the  
season, put up parcels of  
living plants, (100 or more) such  
as Rubus delicatus. &c &c &c  
This is a rough outline of the  
plan I would propose if carried

out I should not care to start  
before 1<sup>st</sup> June.

No doubt my seeds will get a  
fair trial by Mr Thompson, but I  
see that choice things, such as  
can be readily raised are the  
things to get. I have a very  
pleasant correspondent at  
Traverse City Pa. Isiah Hoopes  
to whom I sent some seeds  
he is quite enthusiastic over  
them. and quite urges me to  
try again promising assistance  
through nurserymen &c.  
I suppose the bulbs of Catechus  
I sent do well. a few I retained  
are now starting up strong. Have  
they this species in cultivation  
in England? or have you had  
it? & How does it turn out?  
They could be got in quantity  
if desirable.

What particularly interests me in  
this connexion is the prospect of  
of earning something, and putting  
me in the way of extending my  
travels - Should you write to Mr  
Merrick you may say to him for me  
that when I turn my face Eastward  
towards my native England I shall  
not fail to visit Chelsea garden  
and improve his offer of joining him  
in excursions over that lovely land.  
I have given a letter of introduction  
to you to a Rocky Mtn acquaintance  
a Mr Merrick, who expects to call on  
you. He has lately fallen heir to a  
large estate, and having some taste  
for Natural Science, and withal a good fellow  
I thought you might nurse him up  
to a passion of Science  
I expect to get some photographs soon  
I will send you several to use in  
the way of exchange - I will not  
be so long in writing again & give  
you more definite news about my plans  
for this season Sincerely yours J. L. Barry

Davenport. Aug 18th. 04

My Dear Dr Gray It has been from  
no want of lively regard, that I have  
been silent so long, but I kept  
expecting to have something more definite  
to write about & so delayed. I am  
very sorry to learn of the sickness  
in your family but trust the improvement  
you mention will result in confirmed  
health - I have so far made  
my arrangements for going out to  
the Mts this season, as to engage  
an outfit, and rent my horse for  
6 months. My good wife will go  
East next month to attend a  
golden wedding of her parents which  
comes off early in March. I would  
go too but am rather calculating  
on making a longer visit next  
fall & winter when I return from  
Colorado. I am anxious to get  
among books & collections, and



push myself up in botanical  
matters. and take by the hand  
once more many good friends. So  
you see I have not forgotten that  
table you promised me in your  
study. — I have lately received  
through Dr Engelmann a letter from  
Prof Brewer of California just came  
down, some very interesting account  
of his botanizing on the Sierra Nevada  
&c He speaks of sending a good  
well set of all his plants for  
determination & description I  
think he ought to prove rich &  
novel. I am particularly desirous  
of seeing how our alpine species  
compare. This will also give  
a chance to test Kellogg's descriptions  
I have just written to Brewer  
again him to forward to you  
Dr Engelmann as soon as  
possible and allow him to include  
in the plants sent as full a set

as convenient for me in exchange  
for Rocky Mt Species

A few days ago I sent you a  
few newspaper sketches which I  
have been writing for Chicago Journal  
entitled "Far West." I wrote them  
mainly with a view to bread & butter  
but to my surprise they have yielded  
such a stock of complimentary  
notice. from different quarters  
that I am fain to think I have  
some ability with the pen, specially  
as in the present case I have not  
tried to "spread myself," and I am conscious  
of many defects. You will notice  
some typographical errors that I  
ought to have corrected before sending  
you, but if you can find use for  
an extra copy to send to some of my  
admirers? English friends I will  
send you a corrected one. My next  
article will be in the Pacific R R  
and one following will close the series.







I shall try & arrange to leave here  
in two weeks, and then run a  
large train hope to cross the plains  
with me, etc.

As for the results of my trip will  
give rather meagre botanically, but  
what little there is will be  
of interest, and I shall still hope  
to do something on the natural history  
line. I shall collect seeds of

*Paristata*, *P. flexilis*, *A. trichomanis*  
(or *A. filiformis*) and a few of  
*A. macrocarpa*. I hope you will be  
able to say what had best be done  
with my stock of seedling since 1861.

I shall try & have in your hands as  
early as possible all seeds ~~etc~~ so that  
they can be sent off with least delay.  
I still hope to hear from you before  
I leave.

Very sincerely yours

C. C. Loomis

Empire city. Sep 8<sup>th</sup> 1864

My Dear Dr. Gray

It is not very encouraging  
writing from this benighted part of the  
world with the uncertainty when it  
may reach you. The last notes were  
sent P.O. Department were to me.  
Our Eastern mail via San Francisco.  
The Indian troubles & excitement  
have been much exaggerated, and it  
is thought that some scheme of the  
mail contractor Holliday is the reason  
why our mails have stopped. Trains  
passing both ways are crossing the plains  
and I expect to try it myself in about  
two weeks. I should like to have  
heard from you especially as to the  
proposed plan of transporting seedling  
business. But I shall try it.  
I made my trip to Long Peak last  
month, but failed to reach the highest  
summit. The main peak having a perpendicular



place on all sides. While I was able  
to gain a new view to give a fair  
estimate of its height and my conclusion  
is that this of anything, rather below than  
above what I had heard. So that it may  
be still in the ascendant. My trip  
which was quite an excursion we  
were assured considerable flowers  
furnished very few new plants. The  
alpine vegetation being similar but  
much more scanty than other localities.  
The most interesting plant we saw  
is a large plant is a Lithospermum which  
is found growing in moist places having  
a hair tubercles not grows 12 to 14 inches  
with me or occasionally 2 or 3 large heads  
at the summit 1 inch diameter. broad  
conical receptacle. scales imbricated  
petaloid and broadly ovate. A small  
undeveloped flower bud in the lower  
axils, which may be developed later  
but the upper terminating flower fully  
developed. leaves linear lanceolate  
plant simple. It is a fine looking species.

I have also secured full flower  
specimens of Thlaspi napthar and Androsace  
for a description to answer in case  
my specimens do not come to hand.  
I have a variety of sections of plants  
of the Thlaspi & Androsace so I think to  
show its character. The specimens  
themselves though I took considerable  
flowers are miserable. It is a  
very nice species, but not quite  
so striking as I expected. The  
rich blue on the sepals and  
the deep red, showy & glaucous  
make a pretty contrast with the  
more yellow color and suggest the  
name I have given Thlaspi pietum.  
If you think best to publish a  
short description elsewhere, give me it  
use my notes, and send it enclosed  
with any suggestions, from Dr. Rydman.  
I will please send the description  
in case I should not have time to  
write to him myself.

Davenport. Aug 30<sup>th</sup> 1864.

My Dear Dr. Gray I have returned from my summer trip to Wisconsin and am now busy sorting up my collection of 1864. It will not be a very extensive job will perhaps occupy me 2 weeks or more. I find on looking over the collection now left after the distribution of several irregular sets that I shall not have more than 3 or 4 that will count up as high as 200 and perhaps 12 or 15 additional sets of 100. sp. These I will put up in separate parcels. Ticketed and named to be disposed of as opportunity offers at \$10. or per C. If advisable send the lot to you for distribution I will also do the same with the wood sections, after supplying yourself



and Dr Hooker. without charge. These  
will be perhaps 6 sets left which  
can be sold at \$8, or \$10.00 per set.  
which will about cover actual cost.  
That will furnish up all I have to  
dispose of.

My roots have not come to much.  
Nimble Parry furnished one bunch of  
flowers, and is now dried up.

Sedum shodiola a few small heads  
Calypso did not flower (now dead)  
Rubus deliciosus roots all dead,  
Janesia several roots growing finely,  
seems likely to do well.

The seedling Spence & Engel also  
look well, with large buds for next  
season - a root of Ribes cereum  
is also doing well. I did not  
attempt anything with seeds not having  
any conveniences.

I spent a day with Laplan in  
Milwaukee. He is not doing much  
in botany. He found Epilobium alpinum  
in the dells of Wisconsin!!! associated

with Sallivautia. & Aspid. fragrans!!!  
An old botanical associate of yours  
whom I used to know in N.Y.

is now in Milwaukee. I meant to  
call on him but did not find time.  
I think you have your vacation about  
this time. I hope you will improve  
it. Mr Torrey home yet? and  
what does he report from Cal?;

I still hold on to the notion of  
going to Europe next season. to spend  
a year or more, study botany and  
make acquaintances, &c. If this  
comes about I shall need your  
advice and assistance in many  
things. which I do not doubt you  
will gladly render.

What about Brewer? is he making  
any progress with California botany?

Sincerely Yours  
C. C. Parry

pictum  
Nuphar pictum n. sp.

Stigmatic rays irregular in number 13 to 19  
not extending to the margin unequal in length  
; Ovary uncelate, umbilicate with smooth  
ridges corresponding to the projecting points of  
of the crenated edge of the apex stigmatic  
showing:  petals broad spatulate, 12-16  
somewhat variable in width yellow at the  
margin deep red towards the center and  
yellow at the tips  $\frac{3}{4}$  inch long  $\frac{1}{2}$  inch broad  
projecting slightly beyond the lower row of stamens  
; Sepals in threes, disposed in 3 (or ranging  
in 4 circles), a with one or more of  
five petals irregularly developed - outer  
smaller irregularly scoop shaped green  
with the margins inclined to yellow.  
middle row of sepals large broad orbicular  
spatulate with a somewhat wide blackment  
inner sepals generally narrower & shorter  
with a redish tinge mostly in the outer  
edge much conspicuous on fading, in color



resembling a rosey peach. flower not  
fragrant: anthers linear spatulate nearly  
as long as the filaments of a deep red  
color. pistiliferous on the upper surface  
curving over outwardly and forming a  
dense deep red nodulate disc. when in  
full flower extending as high up as the  
inner edge of the stigmatic disc

Fruits furrowed towards the top of a  
deep green color. Seed (immature)  
enveloped in slimy cellular tissue  
numerous in each cell

Leaves broad cordate with obtuse lobes  
and deep sinus. (4 to 8 inch long, 6 broad)  
grows in the boggy swampy bottom of  
a small rusty lake 800 ft above the sea  
Temperature of water  $58^{\circ} F$  associated plants  
*Megarrhiza*, *Utricularia*, *Scirpus* etc

(Note) The above description was intended to note  
especially those characters that are lost in drying  
my specimens & sections will supply further  
data especially in regard to size &c

Owenport April 30<sup>th</sup> 1866

My Dear Dr Gray

Quite a time since I have heard from you now the Spring has fairly opened & vegetation commenced. I have no definite plans yet for the season. Some weeks ago Dr Engelman wrote me that Genl Pope now Commanding Western Department expecting to make a tour of inspection through Colorado, Montana, Utah, &c this summer offered travelling facilities (without pay) to a naturalist who would be willing to accompany him. I wrote to Dr E. saying that I thought I would accept such an offer under certain conditions mainly facilities for collection & transportation of specimens for my own use. I do not yet get any definite answer though Dr E. writes that Genl Pope is not altogether reliable in his offers & promises. So the matter stand in doubt and I shall wait further developments. On several accounts I would like to go as it would give me the opportunity to glean over a wider field and complement previous collections with whatever new might turn up besides getting farther insight into geographical distribution &c.



If this should fall through I should probably  
do a little local botanizing in this section. &  
possibly make a trip to the East during the  
season. We are bearing in mind your half promise  
to come west this season, and shall hold ourselves  
in readiness to put you through in western style.

Lepham will have his latch string out at  
Milwaukee, where your old botanizing acquaintance  
of Central N.Y., Dr Douglas also resides dispensing  
little pills. From there you can come here on  
your way to St Louis &c &c.

I seem to get clear of everything in the  
way of collections but my wood sections which  
go slow having yet only disposed of 3 sets  
I suppose they had better go to Europe, & as  
I intend to present to you another to Dr Hooker  
will leave perhaps 5 more to dispose of.

If I should go west I would as soon leave the  
whole matter till my return. Having in view  
that trip to Europe, where the way seems to clear  
up, in which my mind is fully bent.

Fowler I hear has left you. Hope you have  
a good substitute in his place.

Hope soon to hear from you once more.

Very sincerely yours

C. C. Parry

Some living specimens of Aster Euphraticus  
come nicely through the winter and 2 or 3 roots  
of Jamesia... Hale is very indignant in the  
cultivation of Rocky Mtn plants and urges  
to keep quite an assortment? I find Alpine  
plants won't do for our climate. too abrupt  
a change for natural adaptation.

Davenport Iowa Aug 18<sup>th</sup> 1866

My Dear Dr Gray

I have for a long time been waiting for a good excuse to drop you a line, hoping thereby to merit a return. — So here it comes in the shape of a nice addendum to the Northern States Flora,

Sida hispida St from Rock Island! It is within half a mile of my residence!! The history of the discovery is this. I was enjoying a brief visit from our good friend Dr Engelmann who was called up here by what might have proved a distressing circumstance he had sent his son George up the river to spend vacation; and he was stopping with me a few days on his way, complaining of diarrhoea which he had contracted on the boat, which with quiet & rest we hoped might pass off. but two days after his arrival cholera symptoms supervened, and I telegraphed at once to his father who got up in time to find him fairly convalescent, in the mean time we heard that the boat from which George debarked here had 13 deaths from cholera between here and St Paul, so that the escape was a very narrow one. Dr & Mrs Eng. staid two days for George to pick up strength enough to leave C. and left for St Louis last evening. — Well, the anxiety of the case being removed the Dr & myself made some



Excursion in this neighborhood, mainly in search of Junci  
in which we had very poor success, and were about  
returning home, when on a shelving rocky ridge I  
observed a single plant of the enclosed, being attracted  
by the singular capsule. Dr E. at once recognized  
it as Sida hispida Ph. which he had found 30  
years before in similar location, at St Louis Mo.  
Making a careful search we found it quite abundant  
and I can supply you with any number of specimens  
desired. — There seems a discrepancy in the  
description in N A Fl. referring to the Georgia  
plant which Dr E. thinks may be distinct from  
the western — probably you have specimens from  
Dr E. original ~~specimens~~ from St Louis. Though  
none of the books I have contain any reference  
to this locality =

I am at present occupied in a short paper on  
"The Character of Snow accumulation in the Rocky Mts  
and certain features of the alpine flora" &c I find  
some very interesting deductions flowing from a  
review of the subject. will publish in the next  
Vol St Louis Transactions. Hope to hear from  
you shortly, as you are probably now enjoying your  
Summer Vacation.

Very Sincerely Yours

C. C. Parry

I can send the specimens desired by mail if you will  
indicate how many you want!

Camp on Huefano, near base of  
Rocky Mts Aug 1<sup>st</sup> 1887

My Dear Dr Gray

I do not know exactly where to  
put the enclosed leguminose plants with the label  
of Asbrogalus, but singular constricted legumes. ??

We have been dragging slowly over the plains, fighting  
Indians, and carrying a horse, no chain over day, such  
pieces. We are now in the valley of Huefano and  
approaching the mountains. in about two weeks will  
be in the vicinity of Sangre de Cristo Pass leading  
to the upper Rio Grande. When I hope to do some  
climbing and make some alpine collections as  
well as noting the geographical range etc etc  
I am collecting as yet quite sparingly except  
in some plants. It is not yet determined whether  
we continue on this fall to the Pacific or  
return to the States after carrying our line to  
Albuquerque. I am sending Dr Engelman my  
barometric obs I should be glad to get a line from  
you addressed, Care Julius Wright - Pacific RR Survey  
Albuquerque New Mexico. If I come across anything  
especially interesting will enclose  
very sincerely Yours

S. C. Tansley



I hear from Engelmann occasionally  
though the mails are quite irregular  
He told me that your new Edition of Manual  
was out also that you had gone for  
a summer vacation as far west as

Michigan. - If I write over in N. Mex.  
I shall have my collection sent back to  
Dr Engelmann who will see to the  
distribution so I shall not have sets of  
plants for sale, but will distribute to  
my old patrons all new plants collected  
I shall also send on seeds for distribution  
In case I return to the States this  
winter I may conclude to take a trip  
to the East if you have leisure I  
shall be glad to hear from you  
address your letters to Care of Genl W W Wagon  
Ch Eng. U. P. R. W. Survey Albuquerque, New Mexico  
I will write again if I find anything  
special to communicate

Very sincerely Yours

C C Parry

Camp near Musca Pass. Rocky Mts  
Aug 22<sup>d</sup> - 1867

My Dear Dr Gray

I wrote you a hasty note  
some weeks ago enclosing imperfect scraps  
of a leguminous plant, with lomentaceous pod  
I have since found it in better condition  
both fl & fr & send an additional fl branch  
I also send sp in fr of an *Ashagulus* not  
before met with with obcompressed stipitate  
legume which I cannot refer to any  
description in your monograph. I do not  
find it in flower but have collected largely  
of seed. It grows in dense woody clumps  
18 inch to 2 1/2 ft high. *A. separans* if not  
~~*A. lomentacea*~~ <sup>*A. lomentacea*</sup> would be a good name. You  
must raise it from seed to get the flower  
I also send you ripe heads of *Helianthella Parryi*  
which I find abundant in Sangre de Christo  
Pass. It holds its character well growing  
directly by the side of *H. uniflora* I have secured  
abundant & good specimens. It is often 3 inch &

I have some other small Camps, which are new to me, but cannot now lay hand on specimens. I might say here that I find Aplopappus Fremontii very abundant & covering large tracts of land on the head of Arkansas. The Linosyris species are now just coming out also Tachypnea. I hope to make some amends for poor picking in the summer by securing a fair harvest of subterranean plants in the Mt valleys and along the upper Rio Grande. This Mt District, is much less attractive both botanically & artistically. than that further north. I miss the bold alpine brooks with the peculiar vegetation, and especially the alpine woods of high elevations above the timber line. here at such points we have only bare exposures of rock, entirely destitute of phanerogam plants. There are also extensive exposures of igneous rocks, both in the interior & exterior Mt. District. We are now near the head-waters of the Querfame River, a noted agricultural valley, which drains the high Mts of

The Sevier Mts on the North west & the Greenhorn range on the North East. The lower valley is devoted to corn and the upper to wheat, while the Mt valleys supply pasturage to large flocks of sheep. The climate of the upper valley is very pleasant in summer & not severely cold in winter, so that stock runs and keeps fat without foddering. It is not at present disturbed by hostile Indians. The Mt Utes being friendly disposed, and the hereditary enemies of the Plain Indians. In fact our Government is about organizing a band of Utes to fight the Chiricahua & Apaches, and the noted Indian fighter Kit Carson is to command them.

It is a little uncertain about our future movements after completing the survey to Albuquerque. We shall then either winter over in New Mexico or return to the States to recruit.



Dr Le Conte is here now as geologist  
but expects to return with Joel Wright  
to the States, and will leave me the  
only naturalist in the party. I suppose  
you may meet Dr Le C. some time  
this winter in case there is a meeting  
of the Academy of Sciences.

I shall on your suggestions. I hope  
see a bird occasionally & exchange  
scraps. The enclosed Camp is common  
on the foot of gravelly bluffs along the  
Rio Grande, frequently dwarfed, but  
occasionally a foot or more high.  
Please return to C Wright my very  
kind regards. I shall have occasion to  
think of him often on my route.  
Regards to Torrey when you see or  
write to him. Any story current between  
publications please send to my address at  
Davenport. My wife will take good care of them.  
I hope to accept your kind invitation before  
long.  
Very sincerely yours  
J. P. H. H. H.

Fort Craig New Mexico  
Oct 3<sup>rd</sup> 1882

My Dear Dr Jay

I received at this  
place your pleasant note of Sept 16<sup>th</sup> with  
enclosure for which please accept  
thanks. We are here making  
an final preparation for carrying the  
survey westward to the Pacific  
being delayed longer than expected  
by a change of dynasty. I am in  
hopes however that we shall  
move next week, in time to pick  
up some of the sets and animal plants  
of the Gila valley. As it is we are  
here surrounded by the familiar forms  
of Laurea, Pisipis, Toraria and others  
with which I became so well  
acquainted in Mex Bdy.  
I have sent from here my last  
installment of plants to Dr Engelman

who will examine & select such  
as may be desired for immediate  
distribution & storage. of course he will  
send you full statement of such  
families as you have specifying skins  
I have a few more Astragali which  
I have not determined and hope  
to come across more before the  
season closes, but I expect the  
best haul in Europe. The route  
will be very close on the line  
of Mex. Bdy. and we expect to  
reach the coast by 1<sup>st</sup> Feb.  
which will bring me in time to  
secure some of the vernal forms  
of that section. Should I be delayed  
in California for a month or so I  
shall try & improve the opportunity  
by travelling over as much ground  
as possible. I shall expect to  
meet Bolander there and see his  
collections.

I have been paying special attention  
to grasses. collecting large and full  
sets on the strength of which I  
shall try & urge Thurber to take  
up his long delayed job. and work  
up our western grasses. —

The Artemisia which you suggest  
may be new. I have collected quite  
largely of. and hope the collection  
may come safely into Engelmann's hands.  
I have also sent a few seeds which  
Engelmann will distribute at once  
and hope to add to the list considerably  
on crossing the country beyond.  
My P.O. address will be after Dec 1<sup>st</sup>  
San Diego, Cal. letters written as early  
as November may reach me directed  
to Fort Yuma Cal. I think it  
will be the calculation to push  
the survey as rapidly as possible  
so as to have a report before the  
coming session of Congress.



"You I shall not get back in time  
to see them. He had received Mr. H.  
batch of seeds, plants, and seeds. I  
shall have sent you some. Many  
there is probably better than in  
the material given me by Dr.

In so I return from San Francisco  
of 2.2 I will try to call on you before  
I return west. I am probably now  
in this I shall return westward. This  
winter I hope I do not have much  
than I have not done as much  
as I could. I hoped to do I have  
seen a great deal of interesting  
plants, and things. I am of  
geography, especially I wish of  
importance. I would like to see a  
man. I intend to see Dr. Bolander  
in San Francisco. I have written him that  
I am on my way & want to see  
him & his California collections

Very truly  
yours

J. D. Gray

Pacott Arizona Nov 29/67

My Dear Dr Gray

You have probably before  
this given up any idea of receiving any  
thing in the botanical line from me and  
perhaps it would surprise you to learn  
that I am now working out of doors  
seated on a granite rock, while 80 miles  
to the north. towers up in full view the  
snow clad peaks of the San Francisco  
I have been up in this rock under a  
single companion to collect some  
information in reference to mines etc  
and we are now expecting the surveying  
party to come and make a  
Cibola River. I am in hopes that  
we will conclude our mining campaign  
by a quick trip across the country to  
San Francisco & hence back to  
It is quite tantalizing to be  
to be then thrown into a new

interesting to animal collectors. It  
this year. In the year, indeed  
it seems that a whole lot of animal  
life is now over these granite  
hills. In the morning, on the 2nd, I left  
I have known a few animals  
and from observations. and on  
the 3rd, I went to camp. when I took meat  
in the morning. I did not recognize it  
in the morning. I saw a plenty of  
deer and saw where it can be  
seen. I saw a small  
part of the mountain which  
may be a fine place for collecting.  
I have also seen in the lake have been  
some of the animals.

It is in this locality that Dr. Coues  
made his collection. I saw a few  
animals but I fear he did not do  
justice to it. I was much surprised  
in the morning. I saw a plenty of  
deer and saw where it can be  
seen. I saw a small  
part of the mountain which  
may be a fine place for collecting.  
I have also seen in the lake have been  
some of the animals.

resembling the Far East its elevation  
however will partly account for this.  
But the climate is much different  
cool dry nights & clear warm pleasant  
days during the month closely  
resembling our best hot season.  
I notice here a few species of  
Saurians. with a close round globular  
shell. thick foliage, and horizontally  
checkered bark. also a large white  
mealy bark. I doubt whether it has  
been accurately described, and will  
collect full material. I noticed  
one of Saurians. *Pygmaeus* smooth  
the heart-wood is light red and  
fragrant like common red cedar. It  
has a very hoary ancient aspect  
and would prove a valuable addition  
to the collection. So I shall collect  
a large bag of seed for botanical  
purpose. I heard from Dr. Engelman  
that he is making arrangements  
to go out to the Indian Territory next spring.



Wickenburg Arizona  
December 16<sup>th</sup> 1867

My Dear Dr. Gray.

Finding myself suddenly transported into a semitropical climate I have stumbled on some items of botanical interest. I am now in that singular Gila region where Cereus giganteus is a conspicuous feature in the landscape and strange forms of vegetation rise on every hand, interesting even in this season of vegetable rest. I find here not in fl or fr Quercus Tesota which is remarkable for the density & hardness of the wood hence called "iron wood" or Palo de hierro of the Mexicans. It has a dark colored heart wood, and can hardly be cut by an ordinary axe. — it is here an evergreen growth very much like a scrubby Locust. I also find here plenty with ripe capsules, Quercus. I think that is the

name of the *Hypericaceae* subgenus  
collected by Bigelow in Whipple. I  
I shall be able to collect good specimens  
and ripe capsules but I  
fear I shall not get the stem as it  
is still a desideratum.

To day I found in full flower the  
enclosed which I take to be the  
original *Hypericum* of Fremont.  
I send ripe seed that you may have  
it. Also I was glad to find just  
in such localities as I had collected  
*Salicaria Mexicana* 15 years ago. It  
is just flowering and the seeds nearly  
fallen. But I have secured a few  
and some very specimens. It is a  
small intricately branched dwarfed shrub  
about 14 inches high and spreading  
over 2 or 3 feet. It grows on the borders  
of dry sandy ravines. This locality is  
just intermediate between Fremont's  
original locality, Rio Virgen and the  
locality on the lower Rio Grande.

I am in hopes to pick up a  
few things on our route toward the  
Colorado and California especially if  
we are delayed. The weather here is  
remarkable - no frost yet! and the  
leaves still on the trees though faded  
and only a few leaves on the trees  
which come in in February.

This is a rather mining locality  
about 50 miles north of the Colorado  
100 miles east of the Colorado.  
We are now as usual on detached  
duties and expect to leave tomorrow  
for La Paz from which point I  
expect to go on to California and  
will probably reach San Francisco probably  
by 12<sup>th</sup> Feb'y. I hope to stay there several  
weeks and examine some of the  
Academy collections and to be  
able to have some of the material  
examined by H. W. Polander.

Sincerely yours

O. D. Miller  
*Hypericum deltoidea* is abundant here but not in fruit.



Mouth of Bill Williams,  
on the Colorado of the West  
December 28<sup>th</sup> 1867

My Dear Dr. Gray

Some scraps from my  
winter gathering in the valley of the Colorado  
may interest you - I am now on March  
up the River to join the main surveying  
party, somewhere near Ft Mojave. This  
is a wild and in many respects very interesting  
country torn up by internal convulsions  
and thus presenting a variety of aspects  
which are necessarily represented in strange  
vegetable forms. The enclosed scirpy  
Chenopodiaceae? I found in a shell near  
morning on the sandy banks of the River  
I do not recognize it, as seen before.  
I have been keeping a sharp look out  
for Mojavea. I am somewhat uncertain  
about its characters only that it is allied  
to Physalis. The enclosed seems somewhat  
different, but I take it only a form of  
Physalis. Though I do not find the inflated  
calyx. — The comp. Scirpy? can  
hardly be P. nuda which I collected before

Enclosed plants from  
the Colorado valley.  
collected in December  
27-94

on the Jila. The grass quite rank on  
moist over bottoms growing in large  
leafy bunches 1 foot to 18 inches high.

The yellow leafless Cuscut. without rays  
is common in the bed of dry ravines  
grows in dense brown shaped masses and  
has a perennial suffrutescent base.  
I may pick up something more en  
my way up the river or across the  
desert to California and will continue  
to send you scraps. I find what I  
take to be Dieffenbachia quite abundant but  
too far gone to collect may be able to send  
you seed. The climate of this semitropical  
valley remains a source of constant  
wonder to my northern experience. I spent  
Christmas Eve in a village of Mexican  
Indians where only dress consisted in  
the most scanty pattern of beech cloth  
temperature varies from 55 in the morning  
to 75 in mid day. I have taken a swim  
in the Colorado which showed a temperature  
of 58° at 10 AM !!

In going up the valley of Bile Millman  
to Escondido mines I found at a ranch  
on the way ripe tomatoes growing in the  
open air - and was treated with fresh  
water melons. I find the Colorado River  
much more attractive in its scenic features  
than farther South. The bold rocky shores  
precipitous canyons and long vistas of  
open views give a pleasing variety to the  
landscape - Otherwise barrenness and desolation  
is the prevailing feature of the bare  
mountains & uplands adjoining -

Our RR route is likely to cross some  
50 miles above here.

I expect the Surveying parties will  
concentrate somewhere in this valley &  
then all proceed to San Francisco to disband  
and return home. I do not know whether  
I shall return westward. Should prefer to  
spend a few months in California before  
I return - Hope to hear from you at  
San Francisco.

Very sincerely Yours  
B. C. Perry



Westford. Conn. May 27<sup>th</sup> 1868

My Dear Dr. Gray.

First I must tell you how nicely I dodged the rain drops and got to Camp at Westford. dry & lively. the day after I left you so unceremoniously. I had some few errands to do in Boston between showers and so had to improve the time of your absence and leave my "good by's" on paper. - Notwithstanding the unpropitious, out door weather, my in door week at Cambridge was one of the most sunshiny spots in my life and I shall always cherish with pleasure the kindest remembrance of the considerate hospitality extended to me by yourself and Mrs. Gray. - Indeed I should have felt less comfortable if I had absorbed more of your time and attention having constant ocular proof of the stress of duties under which you are laboring

It remains a constant source of wonder with me. how (to use an expression I have heard Mr. Torrey make) "you are able to do so much work, and to do it so well" amid so many interruptions, and variety of engagements.

I am sorry that the unfavorable weather should have prevented Mr. Torrey from making the personal acquaintance of yourself and Mr. Gray. She is one of the friendly kind, and would be glad to know more of those in whom she knows I have been so long interested. We will hope that this pleasure may be only delayed.

We both hope that you may be able to accomplish your proposed visit, and that the results may prove everything that can be desired.

Very sincerely yours

C. C. Barry

I shall write away at my report here, for a while, as well as I can, and probably go down to New Haven and N.Y. before returning west. I want to consult with you sometime before you leave in reference to a scheme I have in view in regard to a curatorship in Mr. Torrey's collection. I have written to him lately on the subject.

C. C. B.

Prepared to Brown Wright & Co.  
Should I include May?





Washington, D.C. May 23<sup>d</sup> 1870

Dear Mr. Sprague;

Yours of 19<sup>th</sup> received  
I have something that will please you  
I have of Cantua at last!!

Mr. Palmer came to hand  
since he left from the wrecked  
ship in good order!! He has

looked the over the  
small part of Cantua. I hope to  
find more of the same.

He says that it is very good  
as the sea. I must see what  
I have before I start, will  
send a few flowers to you at once.

Let me know your conclusion. - hardly  
Hypericum? near Saxifragaceae.

I also note a few good specimens of  
Laurus lucida, etc.

I enclose a Pteris - looks different  
from any of yours. not time to  
examine.

Kelly's box has come in  
& will go to you this week by  
express. I have in good boxes  
1 yard square, apparently in good  
order. You will need more help -

I shall start for North Carolina  
next week Wednesday, you may be  
4 or 5 weeks. I want to leave for  
England early in July. have not  
yet made arrangements. will get  
3 months leave.

I will pick out this week a  
selection from Palmers plants. then  
you can decide what I had better  
select for Hooker &c

Plenty of work and time.

Yours truly

C. Parry.

Write me again before I leave for  
the U.S. - I may not leave till  
2 weeks in June.

I leave for America 193



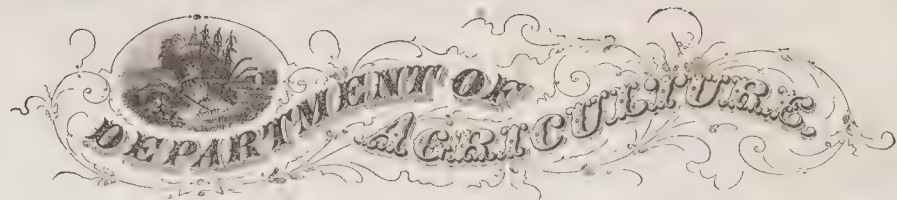


Washington, D.C. May 23<sup>d</sup> 1870

Looking over Palmer's plants. I find  
a splendid lot of flowering specimens;  
especially the Arizona. So I enclose  
you a fragment to see whether it  
belongs to the same species. The  
fragments, specimens in bottles, etc.  
that you will supplement them  
with. There are 8 or 10 good specimens.  
I also find a few more flowers,  
leaves, & branches.

P. C. V.

P.S. just got a nice lot of Arizona plants  
from Dr. Smart - still they come.



Washington, D.C. May 28<sup>th</sup> 1870

Dear Sir,

I have the honor to send to you,  
by mail a full set of the  
Chicopee just received. The  
set is colored paper made by  
Dr. Smart in Southern Arizona. The  
latter, if not needed for your  
examinations, please name &  
return the Palmer set with  
the Rock - I expect to  
leave next Wednesday for it.  
I have suggested postage on  
Steamer from New York to



- I do not find much of interest  
in Palmer's list of the  
alpine plants on Mt. Meade

Yours truly

C. C. Parry

I have been looking over the Daleas here  
which I wish you would monograph in  
the same style as Astragalus. — I see  
by original specimens, that Benthams  
D. divaricata is precisely your  
D. Parryi — The fragments sent you  
from Washington before leaving are  
D. Fremontii. I hope to get good  
specimens on my return so as to  
improve the original description of  
better material.

Astragalus inflexus looks very near  
A. Parryi fig. — I have been trying to  
find some published notices of Dr Coulter's  
collections in California. I only get the  
date 1832. It seems he proceeded thence  
in Dublin but I find no obituary  
notice or sketch of his travels. I just  
met Prof Wright who was held the  
curatorship in Dublin, but he could not  
give me any information said he would look  
up some notes &c. I have got to the end  
of my gossiping sheet must close with  
kindest regards, Yours C.C. Parry

Kew. London  
Aug 18<sup>th</sup> 1870

My Dear Dr Gray I had little thought  
that I should have been at Kew  
for 3 weeks without writing at least  
to let you know my whereabouts.  
But you know there is much  
here to distract the attention and  
though frequently matters would come  
up that I would like to consult  
you about they hardly seemed to  
warrant a letter. The war as you may  
judge has kept me off the continent.  
and will even prevent my going to  
Paris. Soon after my arrival I sent  
you letters to Boissier & Decaisne &  
received an answer from the former  
expressing much pleasure in meeting  
me in Paris. Prof Henry writes me  
from there that he has met with much  
difficulty in travelling to avoid

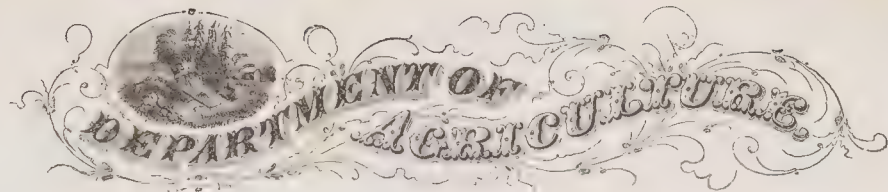
my fault  
I have not heard from Engel.

and day interruptions and find everything  
in obedience to war matters. We will  
return to London next week.  
Dr Hooker is at home and very cordial.  
Mr Bentham is off for his vacation, for  
which I am sorry. I am now working  
in his room surrounded by his cases  
of Leguminosae with labels &c. gone.  
Mr Baker here & hard at work.  
I have been several times to the  
British Museum and found your  
friends Bennett & Cuscuta very  
well & friendly.

Of course I find a great deal  
to see in the herb library &  
gardens and am taking full notes.  
The Victoria regia is now fully in  
blossom. Great improvements are  
going on in the ground tree planting  
& Dr Hooker went over with me  
one day & explained his plans. I  
am disappointed to see no large trees  
of N. W. American Coniferae. I thought  
I should see some from Douglas original

seed. But most of them are small  
and very few old enough to form cones.  
I am glad to see Leguria gigantea do  
so well. The largest tree perfectly healthy  
is now 20 ft. and a diameter at the  
top of fully 1 foot. It will be worth  
coming to see 1000 years from now!!  
Dr Hooker talks favorably of coming  
to America next summer & we  
must get up that pilgrimage to the  
Rocky Mts & the Pacific. I am  
greatly interested in these large branching  
trees of Sophora Japonica now 117 years  
old. They are loaded with blossom &  
look grandly. Why would they not  
do with us at least in Washington  
where the unsightly Paulownia flourishes?  
Dr Hooker will be at the British  
Art meeting next month and I hope  
to meet them some other time.  
I leave here next week for a short  
tour before going to Liverpool. I have engaged  
passage home in the same vessel that I came  
City of Paris to leave Liverpool 22 Sept.





Washington, D.C. April 11<sup>th</sup> 1871.

Dear Dr. Gray

Thanks for the  
Microscope. Safely arrived;  
Money sent; parcels taken to  
Smithsonian. The 1<sup>st</sup> use  
I put the microscope is to  
puzzle out Elaphoglossum Hindianum  
of which nice flowering specimens  
came from Palmer. During  
my absence collected in  
Lower California last year  
I send scraps as the large specimens  
are too brittle. (a good specimen saved for you)

You will see Wright soon  
& get particulars. I do not  
think he was treated as his  
services deserved, but perhaps  
Prof White was not to blame.  
It was a badly arranged affair  
but Wright has at least the  
satisfaction of knowing that  
he did his duty faithfully,  
& the results will show that  
he deserved better treatment

Our so called assistant?

(Wright knows who I mean)

neglected his duty to the last  
I left him in charge of the  
heavy boxes on the ship to day  
and he took the M<sup>th</sup> boat for

land, and they are then still  
on the ship. Have written to  
the Agt. Dept. agent to hurry  
them up. This delays my  
sorting up the collection  
as I intended to do at  
once. The plants sent at 11<sup>th</sup>  
are here in good order. Tell  
Wright to write me as soon  
as he arrives at Cambridge

Yours truly  
C. C. Parry.



Washington, D.C. Sept. 19 1871

My Dear Dr Gray

Since writing you on my return from the west, certain matters have come to light here that seem to require a more private and particular explanation than I could properly give in an official letter. I refer to the new administration of the department under Judge Watts, and particularly to the indignity, interference and ignorant dictation to which I am subjected under the present corruptly appointed Chief Clerk Mr. Simk. He not only dictates me to how I shall carry on the details of my division, but is constantly making foolish and unnecessary corrections of my official letters, requiring frequent re-writing; he refuses to recognize or properly perform the business of the Department. The correspondence I have had with you and other botanists, and interference, objection and hindrance in every possible way to interfere with the proper performance of my duties as Botanist. Whether or not he will



be sustained in these proceedings, and high level  
measures by the Commission I don't certainly  
say, but matters will certainly come to a  
crisis soon, and if Judge Watts sustains his  
chief clerk, I have no recourse left but  
prompt resignation. I may also say that I  
am not alone in this matter of complaint which  
equally affects all the Scientific branches of  
the Department and will probably induce  
a similar course on their part by the time  
of the different divisions.

What I at present aim to do is to submit  
as quietly as I can to these annoying provocations  
and procure evidence of interference in such a manner  
as to back official charges against this  
officer to be presented to the Commission for  
their action. As I received my appointment  
to this position mainly on your recommendation  
and have been materially assisted and encouraged  
in my duties here by your friendly advice and  
assistance, I deem it proper to consult you  
on the subject before taking any important steps  
and it might be desirable to have at hand

Some Statement from you as to my qualifications  
for the position I hold; the satisfactory manner  
in which I have performed my duties hitherto,  
and the importance of not interfering with my  
time for carrying on the business work of  
the Department - Such a paper might be  
placed in my hands directed to the  
Commissioner to be used as he may  
require

I have however no hopes that anything  
short of the permanent removal of the  
present Chief Clerk or even the pro tem  
commissioner will effect any material  
improvement. In the mean<sup>time</sup> the work of  
disorganization is going on and the efficient  
plans of Genl. Capron for promoting the  
great interests of the Department are being  
overthrown, so that its management will  
soon be ridiculous in the view of all  
sensible people

I have written to the same effect to Mr  
Tracy and am writing the same to  
Prof. Henry, to make a full statement of

these matters to him. In the mean time  
I should be pleased to receive as heretofore  
your friendly advice as I have no desire  
to do anything that is not perfectly right  
and honorable

In case of my forced resignation, I  
shall be under the necessity of making public  
the main points of this controversy so that  
I wish to accumulate as much pertinent  
documentary evidence as possible to present  
a strong case in my own justification  
as well as to show how official matters  
are mismanaged here

Very truly yours

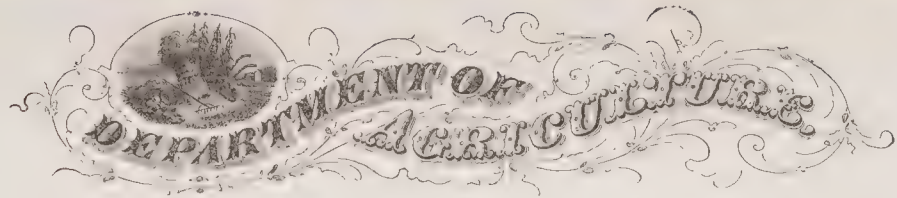
C. C. Parry  
Bd. Audit & Acct. Dept.



P.S. I put in this slip to inform  
you that on leaving the office this PM  
received an official letter from the  
Commissioner. Peremptorily and  
without any reason given discharging  
me from the position of Librarian  
Address Answer to Smithsonian Institution

you must have received before  
this. Can nothing the Commissioner  
himself to its reception on your  
recommendation. I have no means  
of knowing <sup>whether</sup> my drafts of the letter to  
you was exactly followed. but I tried  
to make it as short as possible.  
Should you have occasion to answer  
you might intimate briefly your  
interest in my retaining my position  
here.

It is very distasteful to me  
to make such a parade of my private  
anxieties. but knowing your private  
interest in my personal welfare  
must need claim your sympathy.  
In case of my early resignation I  
am thinking of spending the winter in  
northern Georgia. to be ready for a  
clean season next year in the South  
Believe me yours truly C. Perry



Washington, D.C. Sept 27<sup>th</sup> 1871

My Dear Sir

I am obliged for  
your kindly interest and advice. I  
do not like to write complaining letters.  
but my position here is next to intolerable.  
You would hardly believe the indignities  
and insults I am subjected to daily  
by the conceited and impudent Chief Clerk.  
Yesterday I was denied personal access  
to the Commissioner. after applying no  
less than 5 times. and stating that  
I desired to confer with him on  
urgent business connected with my  
office. all my botanical correspondence  
is critically inspected and in case

of my slips in orthography. It is  
paraded before the subordinates of  
the Department as an evidence of  
my incapacity - As a proof of  
his ignorance I have in my possession  
a copy of a letter sent by him to  
the Entomological Socy. as a sample  
for conducting his correspondence using  
the term "decom, tenlineata". He is  
also the responsible editor of a wool  
"yarn" of which I enclose you the  
slip taken from our monthly Report.  
As I have no reason to doubt that  
the Commissioner will stand by his  
chief Clerk, I see no other course  
for me but to resign my position  
and make the reason for so doing  
public - but in justice to the

scientific interests involved I  
shall try I think, till I can consult  
with Prof Hensy. I think it likely  
that all your letters to me under  
official frank will now be inspected  
by this interfering official. I have  
lately received positive orders not  
to send any parcels by mail without  
the Commissioner or Chief Clerk.  
I have satisfactory evidence that they  
contain no private matters.  
I have endeavored to guard Mr Wright's  
interests in the matter of the Report  
by mentioning the matter some time  
ago to the Editor of the Report, but  
in view of your suggestion I have  
tried to make the matter more secure  
by writing the official letter which





Washington, D.C. Sept 19 1871

Dear Thurber

The enclosed  
grass comes with a parcel  
from Honduras. Can you  
name without too much  
trouble and oblige

Yours &c

C C Parry

British Agt Sept

with me in the capital -

My self to go off  
today I have given 8 -

and must have given

to my friend & friend here  
with a set of books here

before go to the club  
or should I have some for

Europe. The new festival has  
not to a help. I think of

getting up a couple more for  
exchange of books with numbers &

pages. Early festival is opening  
to me - the common house,

the address of the original author  
have passed of some, and with

that admirable French of French  
long & then you are all with

the new one better, a very big

one -

C. L. Barry,

(C. L. Barry)

July 21st

My dear Mr. Barry - I have a very

good idea of 20th and 21st

must have been the 21st

it will be very fine in

the 21st I have plenty of

at the same time

the 21st I have 24th

I do not know what else to

do in the same but I expect

it is it will have been

before. I hope you will have

enough in the 21st

21st & 22nd - I am

with you, especially in the

21st & 22nd - I am





Empire city - Cal. Terr. Sept 16<sup>th</sup> / 72

My Dear Mr. Gray

You are certainly home by this time & I shall hear from you. I have to keep on the keen jump now. seeds opening & falling out since frosts. I shall have to attend to the conifers this week. I am in doubt whether to send with cones. I think however for the benefit of the seeds I will send in this shape at least Abies. 3 sp. P. aristata. Pinus flexilis is not perfectly seed this year I can get perhaps 50 cones which I will shell out. I think now of shipping cones in heavy one sacks containing about  $\frac{1}{2}$  bushel - I have packed waiting an Oregon Box No 1 of roots containing Pentstemon humilis 50 ? Calochortus variegatus 200. Ledum rhodanthum 10 ? Talium pygmaeum 20 ? Phlox arctica 6 Calypso borealis 4. Trifolium Parny 15 ? Lewisia frugida 100. The rest from the bulk of the box as I have taken up roots with earth which are in excellent condition the whole packed in moss. box weighing about 25 lbs ?

I think better to send small boxes by  
express. The mail would be much cheaper  
but they are so particular about the way  
of putting up, and do not allow any  
marking either names or numbers  
that I fear it would cause confusion  
& waste of time. equal to the difference  
in expense. I shall send probably 2  
small boxes this week one containing seeds  
these will go direct to Denver by Mr. Byers  
team, who is now in Middle Park (young  
Putnam accompanied him).  
a list of contents of boxes will be on the  
top (inside) as soon as I attend to labels  
I shall take up Pentstemon & Erysim  
Andersian. &c. Watson will tell you  
that I stumble on Pentstemon Hartwegii on  
Mt. Flora when I must have passed  
it 20 times. It is shy in flowering.  
I will try & get seed & a few roots  
I want to try & get through here by  
the week in Oct & then do something  
on the plants before going to Sawatch  
Mr. Greene is to be here this week or

next in a missionary tour to as far  
Heather he will stay with me a few  
days. I write to Mr. Backhouse every  
week to put him in my progress.  
I have finished up my dried plants  
for the season Century sets numbering up  
to 115 besides other irregular specimens  
collected in all 2500. You might like  
order any time for Century sets at  
\$12.75 or give an advertisement to the  
Naturalist. Dr. Torrey did not make  
his appearance. being late I suppose he  
hasn't come. I would like to write  
up Juncos Peak after getting all the data  
desirable to do up the subject properly  
including my own notes of 1862. I think  
Whitney is the great obstacle in fixing  
the name on Juncos Peak and I once  
ought to talk plainly to him as it is  
clearly a matter of personal spite on  
his part Prof. Juncos might help out  
the matter as he has measured both  
peaks & disagrees with Whitney in the  
measurements.



You will see Swank's paper. speaking  
"de cathedra" for Watts: flower has  
taken up the cudgels in a pointed  
vindication of the Phonological Division  
& the Museum. It is strong but not  
exactly the right thing being, really  
a personal complaint. That his own  
work was not sufficiently complemented  
and rather exonerating the Commission  
who is of course the responsible party.  
They are very uneasy under Swank's  
rule in the Dept. and think all will  
be right if he (Swank) is gotten rid  
of, but I hope the Commission will  
keep him as long as he stays, as they  
properly complement one another. (one a fool  
the other a knave). If we could only give  
some of these politicians the lesson that  
Hobbes has given Aguelon & Gladstone  
It would be well. Hope you get him  
all safe & hearty.

Yours truly J. C. Parry.

What is this Asteroceras? Enclosed?



Empire city Sept 20<sup>th</sup> 1872

My Dear Mr. Fay

your thick letter with

Enclosure came to hand to day. welcome home  
after your long travel. As per accompanying  
list you will see that I have shipped  
4 parcels to you by express. I shall keep  
forwarding boxes as fast as I get them  
filled till finished. I should have been glad  
to have had the putta peach sheets before  
but now cannot use to much advantage.  
Our P.O. is not at all convenient with their  
strict rules in regard to putting up mail  
parcels with open ends & no marks, or  
writing. The office shut most of the  
time so that I should lose more time  
than it is worth in running back & forth  
with small parcels. The boxes I use  
are small not weighing (packed) over 25-lbs. so  
that I can lift them about myself. I  
should like to have larger bulk at my  
command but I find that I am already taxed  
to my full strength to keep up with the  
collection. I note what you say in regard  
to compensation. There will be no difficulty in

The boxes shipped in stores are packed in an express envelope. I think well of

that point, as I shall be satisfied with what  
you & Mr Backhouse agree on, when the collection  
is finished. I merely state my views, based on  
previous experience. You know once I received  
£70. for a very meager collection of seeds,  
exceptional perhaps, but such things you  
know have a fancy value and Mr Backhouse  
is the best judge of what he can realize.  
I am extremely not to charge too much that my  
modest loss, or too little least my subsequent  
work prosecuted under much more expense may  
not pay me, but the whole matter is in  
your hands to decide, when you see the results -  
I would only make one other suggestion viz  
that out of the £150. (if this is the sum settled  
on) might be taken the express charges to you  
which I suppose the premium on gold would  
about cover a great many pounds. I  
shall have occasion to write about in  
connection with the collection but must  
waive for the present. Today I fear has  
slipped by I expect to finish Conference in a few  
days & probably leave here for Denver soon after  
Oct 1<sup>st</sup> when I will finish up expect from  
here next Sunday to stay a few days more  
in my nest. Yours C.C. Perry



Contents of Box 2, containing seeds  
 names underscored, are choice.

| Name.                       | Cand. No.        | Remarks                    |
|-----------------------------|------------------|----------------------------|
| <u>Linum Berlandieri</u>    | good.            | dry open plains            |
| <u>Acer glabrum</u>         | "                | a clumpy bush. 12 to 15 ft |
| <u>Gilia longifolia</u>     | "                | ① dry sandy soil           |
| <u>G. aggregata</u>         | (Scant)          | ② dry soil                 |
| <u>Pentstemon humilis</u>   | good.            | dry rocky hills            |
| <u>P. acuminatus</u>        | "                | " " "                      |
| <u>Anemone multifida</u>    | "                | dry soil                   |
| <u>Phacelia sericea</u>     | extra            | burnt woods &c             |
| <u>Scum macrophyllum</u>    | good             | moist bottoms              |
| <u>Polemonium caeruleum</u> | var              | high upland marshes        |
| <u>Cardamine cordifolia</u> | "                | margins of alpine brooks   |
| <u>Metensia sibirica</u>    | (Scant)          | " " "                      |
| <u>Aquilegia caerulea</u>   | (none to be got) | rich woods                 |
| <u>Ribes sedum</u>          | good             | Rocky hills                |
| <u>R. cereum</u>            | "                | " "                        |
| <u>Lonicera involucrata</u> | "                | Marshes.                   |
| <u>Arnica cordifolia</u>    | "                | moist rich woods           |
| <u>A. angustifolia</u>      | "                | Alpine valleys             |
| <u>Aster glaucus</u>        | "                | dry rocky hills            |
| <u>Asplenium Parryi</u>     | "                | burnt woods                |
| <u>Nardosmia sagittata</u>  | (Scant)          | alpine marshes             |



Contents of Box 2 (continued)

| Name                           | Condition                 | Remarks                                      |
|--------------------------------|---------------------------|----------------------------------------------|
| <i>Actinella grandiflora</i>   | good                      | Alpine meadows                               |
| <i>Macheranthera canescens</i> | "                         | rocky hill side,                             |
| <i>M. tuncacetifolia</i>       | good (1)                  | dry plain                                    |
| <i>Oxytropis splendens</i>     | "                         | rich meadows                                 |
| <i>O. Deflexa</i>              | "                         | " "                                          |
| <i>O. Lamberti</i>             | (Scant)                   | very common & variable                       |
| <i>Thermopsis rhomboides</i>   | good                      | rich moist ground                            |
| <i>Trofolium Parryi</i>        | (seed not well developed) | alpine meadows                               |
| <i>T. dasyphyllum</i>          | " " "                     | " " "                                        |
| <i>Astragalus pictus</i>       | (Scant)                   | Sandy soil                                   |
| <i>A. Drummondii</i>           | good                      | dry plains                                   |
| <i>Berberis aquifolium</i>     | "                         | rocky hills                                  |
| <i>Junonia acuta</i>           | "                         | moist valleys                                |
| <i>Orthocarpus luteus</i>      | "                         | dry soil                                     |
| <i>Sedum stenopetalum</i>      | "                         | dry soil                                     |
| <i>Erigeron macroanthus</i>    | "                         | moist valleys & rocky slopes<br>near streams |
| <i>Antennaria dioica</i>       | "                         | forms a nice silvery sward                   |
| <i>Aster adscendens</i>        | "                         | dry hill sides                               |
| <i>Limnorchis Parryi</i>       | "                         | dry soil, in clumps                          |
| <i>Oenothera marginata</i>     | (?)                       | rocky hill sides                             |
| <i>Parthenoclelea</i>          | (Scant)                   | dry soil                                     |
| <i>Erythronium Arkanianum</i>  | good                      | dry soil                                     |

Sack No 3 - contains  
*Abies Engelmannii* cones & seed,

Box No 4 contains roots of  
*Antennaria dioica* in mats  
*Parthenoclelea acuminata* 100 +  
*P. secundiflora* 100 +  
*Oxytropis splendens* 50 ?  
*Sedum stenopetalum* 200 +  
*Sanicula Fendleri* — — — 5  
*Berberis aquifolium* — — — 10

Empire Sept 20<sup>th</sup>/72

These parcels No 2-3-4 sent to Denver to  
day by Mr Byers wagon to be put in express  
office. Please after looking over this &  
making any necessary memoranda. Deliver  
to the Backhouse. Each box contains on  
the top a list of contents

C C Parry.

Enclosed to Prof Asa Gray.  
Cambridge Mass

Empire city Sept 24<sup>th</sup> 1872

My Dear Mr Gray

By last mail I received  
your letter of Sept 16<sup>th</sup> with (enclosed) Draft  
on N Y. for \$275. (Thanks) but I meant  
that you should retain some of the funds  
to pay express charges. but that can be  
arranged after. The principal item of  
news in this secluded spot is the recent  
arrival & departure of dear Tony &  
Miss Maggie. I persuaded him to come  
over & occupy your quarters at Packer  
for a few days and they seemed quite  
to enjoy it. He however cannot  
manage this light air and was unable  
to make the ascent of Gray's peak with  
the party got up for the occasion Miss  
Maggie made it out nicely though the day  
was not favorable & closed up with a  
snow storm. I was out with them not  
getting due notice. Mr Freeman too was  
disappointed in coming out here as proposed  
and only just met Mr Tony in the cars

Tony thinks the Country sets with you off fast enough the club will wait

81



yesterday was a red day in my cabin  
calendar as I was honored by a tea party  
got up at the instigation of Miss Maggie  
including 4 ladies. They seemed to enjoy it,  
it was at least a funny affair

The Torrey calculate to stop over Sunday  
in St Louis with Engelman

I keep very busy with my seeds & roots  
have about finished the Conifer sect for  
which I am heartily glad as it is a most  
sticky business. Tomorrow I go on the range  
to try & finish up. We had a severe snow  
here in the valley day before yesterday &  
everything looks wintery. I now expect to  
break up cabin life next Monday & stay  
a few days to finish up matters at Pecks  
then about Oct 2<sup>d</sup> leave for Denver & the  
week following for Davenport. I shall try  
to see Greene and make some seed collection  
on the plains & foot hills. I shall stand  
to Engelman & Bentham this week you  
can possibly hit me with a letter to Denver  
but refer to Davenport Iowa. regards to  
Wright Watson & the family

Yours truly C C Pao-az



Empire city Sept 30<sup>th</sup>/72

I may likely hear from  
you to day. will write  
from Denver

I sent by this mail  
a fine fruiting branch  
of Abies Engel. I have  
dipped in boiling water  
so as to fasten the  
leaves must clean

Yours

C. C. Parry

My Dear Dr Parry I have  
just time before mail  
closes to drop you a  
line. I am nearly packed  
up & will finish to day  
leave for Denver. Oct 2<sup>d</sup>  
of articles packed to be  
sent this week from  
Denver are

No 5. Sack of  
2<sup>d</sup> Abies Engelmanni

No 6 Sack ..  
Abies grandis

No 7. Box. containing roots

*Primula Parryi* 10  
*Erigeron grandiflorum* 75  
*Polemonium confertum* 50  
*Pentstemon Harbursii* 50  
*Antennaria alpina*  
*Chamaecrista achillaeifolia* 2  
*Sedum Rhodanthum* 2  
*Aquilegia coerulea* (alpin) 4  
*Phacelia sericea* 100  
*Gilia aggregata* 50  
*Anemone patens* (for you) 1  
*Antennaria dioica*. to fill up.

I found it impossible to get what I wanted from the range as every thing was slightly frozen up or buried in snow. Hence only a few roots of *Primula Parryi*

& *Polemonium confertum*  
plenty of seed of the former  
scant of the latter. so to

I shall pack to day a  
box with

*Erigeron macranthemum*  
*ferutiana affinis*  
*Abies* roots to fill up  
will take seeds to Denver  
and with the addition then  
make up the last box

of *Abies Douglasii*. not  
yet packed 1/2 bushel

*A. Menziesii* do do

*Pinus aristata* 120 cones

*P. flexilis*. only a few  
does not seed well this year

Empire city Col. Teser

Oct 1<sup>st</sup> 1872

Dear to Jerry

We have our arrangements all made to leave for Denver tomorrow evening consequently I have been very busy finishing up my collection here, packing &c. I think I reported to you the contents of Box No 7. - The numbers following 8 to 11. contain conifers seed in one sack (1/2 bushel)

Box No 12 (not quite finished) will contain from the bottom up,

*Leontodon officinalis* 100 good roots and a very choice plant

*Engelmann glabellum* 150 +

*E. macranthum* ? 100. I find rather difficult to distinguish these two species will have plenty of material to clean them up -

*Nardosmia sagittata* 6.

Young spruce & pines to fill up the box - This will finish up the root business

Write will again from Denver.



of seeds I shall have considerable  
of an assortment, including some  
duplicates, will add to them what  
I can pick up in the north & in  
the vicinity of Denver & make up  
a parcel. I shall take with me  
to Denver all the packages, from 5 to  
12 inclusive, & express from there will  
buy & get them put in at merchandise  
rates.

By last mail I get your letter  
of Sept 18<sup>th</sup> including Watson's. You  
will have to fight with the Abies  
question with Engelman, who has full  
material. It is funny that I should  
have to argue strongly with Engelm. that  
A. Engel does not run into A. Menziesii  
and now you take up my old notion, that  
it is a form of A. alba. I still think  
it is a good species, and there is only  
one here, ranging from 8000 to 11000 ft  
and holding its characters constant. The  
thin pointed scale of the cones, and the

thin scaly bark - (Look at your wood  
specimen sent you several years ago)  
compare with A. alba growing with you?  
I fortunately anticipated your wishes &  
sent you a fine fruiting branch (by mail)  
from near where you saw it. I dipped the  
branch in boiling water to retain the  
leaves. As to A. grandis you will get  
a bag full of cones, mostly fallen to  
pieces, which will need reconstruction to  
compare with A. balsamea. a few specimens  
tied up in gauze are packed away somewhere.  
I am not so certain about its being  
distinct from your No 2 species. I have  
sent fresh branches again to Engelman.  
Torrey saw it but did not express an  
opinion on it. I hope the thing will  
be straightened out soon.

So now I shall soon be through with  
my seasons work, which I hope may  
prove satisfactory, but perhaps not with  
to the mark in quantity. I only know  
that I have been conscientious of action  
to the full extent of my physical ability.

and if I have not done enough I  
must be made right by knocking off  
the L's

One other point. in case I go back  
to Davenport next week. There may be  
time for me to take up a run up  
to Minnesota & collect *Aspidium fragrans*  
which I suppose will be in the best  
condition for transportation. you know  
I have not been at the locality since  
1848!! but I hardly think the location  
can have been altered, occupying as it  
did an extensive range of precipitous black  
rocks. I suppose I might get to the locality  
& do the necessary collecting, at an expense  
of \$30. to \$40. now the question is whether it  
would pay say for making a collection of  
50 or 60 new plants? Let me know what  
you think about it & write at once to  
Davenport Iowa. As long as I am expressing  
I shall not need to use the gutta serena, but  
when I finish packing, it will come in use I  
may get the 2<sup>d</sup> parcel by tomorrow's mail before  
leaving. In haste Yours C. C. Parry



Denver Oct 3<sup>d</sup> 1872

Dear Mr. Gray I have just reached  
Denver, and lodged in the Express Office  
as per receipt 5 sacks of conifer seed  
in 2 Boxes of Plants No 7. of which  
I have notified you the contents of  
Box 12. packed only yesterday, including  
Gentiana affinis, Ergonema macrantha  
E. glabellum Nardosusma digitata  
+ Abies Douglasii + A. Engel.  
All these parcels will start to night  
+ be in your hands next week  
I have on hand all the seed collected  
since Box No 2. of which with the  
addition here I will make a parcel  
+ send or take with me. I shall  
start Saturday even for Denver  
May go + see Greene  
In haste Yours  
L. C. Parry



Denver Oct 5<sup>th</sup> 1872

My Dear Dr Gray

It seems that we did not come down from the mountains a day too soon, as the day after our arrival a snow storm set in and clearing away this morning. The mountain range down to the foot hills was heavily draped in snow.

I have just put in the mail for you some roots freshly gathered this morning. including (in two parcels)

+ Abronia fragrans

+ Argemone Mexicana

- Dalea (aurica)?

Senecio longilobus

- Meibomia nuda

+ Pentstemon Cornutus

- Molvastrum coccineum

+ Asparagus Michauxianus

one or two others not certainly recognized. I have these wrapped in putta percha sheets, was sorry I could not have had more moss to put them up. But you will see how they come

All the above as you may judge from  
the deep tap roots grow in deep sand  
on exposed hill sides. I was much  
disappointed not to get a single seed  
of *Abonia fragrans*. in fact hardly a trace  
of the plant left when in July it  
covered acres of ground. I should think  
the well-formed buds would start readily  
though the tap roots were necessarily cut off.  
I retain a few to experiment with this  
winter. I shall house them in sand in a  
cool cellar & bring them out as a pot house  
plant in the early spring and see what  
they will do. a few roots of *Mentzelia nuda*  
which seems to be a sort of sub perennial  
may be induced to throw up flowering shoots.  
I have gathered an abundance of fresh  
seed. Of seeds gathered here I note  
*Sporaea leptophylla* *Cleome integrifolia*  
*Mentzelia nuda*, *Argemone mexicana*,  
*Senecio longilobus* *Eutrichium clomeratum*  
*Frauseria Hookeriana*, some others I may  
pick up on the road

I have all the seeds collected since  
Box No 2. packed away in your basket  
passimier which I shall take with me  
in the car, and overland & send by  
express from Davenport. This will make  
up Box No 11, and finish up the Colorado  
Collection. comprising 4 Boxes of live plants  
2 of seeds & 6 sacks of Conifers.  
If thought best to collect *Aspidium fragrans*  
this fall one more Box will be added.  
All letters not received by me will be  
duly forwarded to Davenport Iowa which  
place I expect to reach Monday evening  
and shall attend at once to arranging the  
Century sets, & "few quantities" I may  
enclose at once in the box of seeds.  
I think the last parcels left in good  
time as the weather seems to have cooled  
down, and they will no doubt not be long  
in the road. I shall hope to hear from  
you on reaching Davenport a soon after

Yours  
C. C. Parry



Davenport: Iowa Oct 14<sup>th</sup>/72

My Dear Dr Gray

Yours of 10<sup>th</sup> inst L<sup>d</sup> has hand  
On due reflection & in view of the lateness  
of the season, and uncertainty of finding a sufficient  
stock of Aspid. fragrans, I conclude not best  
to go to St Croix this season. Cypripedium speciosum  
& C. cardium might be found near here  
but this time of year there is no chance to  
get at them. I am sorry too about  
Primula Parryi. I had perhaps better have  
neglected the conifers, but I think you hardly  
appreciate the severity of the alpine climate  
when winter fairly sets in, and the alpine brooks  
get frozen up. I doubt if there is any let up  
when the ground once freezes. I was perhaps also  
misled by Mr Backhouse remark that the chief  
salvance must be in seed - with a few roots  
to flower at once & show what the plant is likely  
to be. You will be satisfied with the amount  
& quality of the seed which if cultivable shall  
with effort in time all the plants desire.  
I should have been more free with him plants  
if I had known that exp. charges had been so moderate.



But the whole thing is now in your hands,  
and you will confer freely with Backhouse, and  
make such reduction in the compensation allowed  
as will be just, & satisfy Mr Backhouse.

Yes I meant that all the seed should go to B,  
what he does not want to be put in the  
market for his benefit.

I shall now go at once at the  
County sch., please give me a sample  
of a ticket. I shall want about 3000,  
How many sets shall I send you?

Yours &c

C. L. Parry

That I should refuse without good reasons. I will wait your advice on the matter before answering his letter. I do not know what your personal arrangements are together but could you not consistently take a part of the lost £50. for your trouble? at least I shall insist on paying express charges to Cambridge

You will of course write me frankly on this matter and I shall cheerfully abide your decision. please retain funds now on hand till the matter is definitely settled

The labels came during my absence I have not seen the parcel yet being detained in town but Mr P. says they were badly torn up in the mail (consequences of fire derangement)? I hope now to furnish everything up etc in 2 weeks. let me know what you will specially want.

Very truly

C C Parry

Davenport Iowa  
Nov 29<sup>th</sup> 1872

My Dear Dr Parry

I just get back from my trip in time for Thanksgiving. I had a rough cold drive in the interior of Kansas. but accomplished the object of my journey very satisfactorily finding valuable deposits of coal & salt. the result is that I shall have a longer engagement next spring when I can also do up some botanizing and later in the season go to the mountains wherever seems most desirable. On my way back I went to St Louis & staid over a day with Dr Engelmann he was very busy with me.

but we made out to go over  
the Cougers & Racanthus &  
Yucca & and compare notes  
& facts, will write more fully  
another time. While there came  
a short letter from you. in  
reference to our proposed resignation  
of Professorship. I have  
been anxious to hear in  
regard to the latter point. am  
glad it is no worse than you  
represent. About Cuban of Legitim  
I had quite a little notice in  
my book of Iowa & Minnesota plants  
in Appendix Blanc foot Survey, 1848

I am getting orders for album sets  
much beyond my expectations. I  
must try to keep back a few for  
foreign distribution, but I might  
be have made 50 instead of 20 sets.  
I shall go at the distribution  
at once, will have some material

for you to examine. & settle on  
I feel quite satisfied from some  
examinations that the Deser &  
Arctica of the Rocky Mts is quite  
a distinct thing and should be  
characterized. I will send you  
material for comparison. The  
new glutina, of producta Engel was  
is a very good new sp. but I will  
publish in St Louis Transactions

Now comes a letter from Mr  
Backhouse. which I enclose  
He seems not dissatisfied with  
the results and proposes to pay  
me the full amount asked \$150.-  
in my last letter to you on the  
strength of your criticism. I  
felt inclined to reduce my charges.  
and am still willing to hold to  
the proposition then made if thought  
best. At the same time if  
Mr B. is willing & feels justified  
in paying more. I do not shrink







Davenport, Dec 13<sup>th</sup> 1877

My Dear Mr. Peck,

I have just received from Mr. Peck  
a letter of the 11<sup>th</sup> inst. containing  
a list of plants sent last week.  
I have written Mr. Peck a letter  
in reply, -

to inform him that the  
list of plants has been  
sent to the printer and  
will be ready in a few days.  
I have also written him  
that the list of plants  
sent last week, and that  
the specimens are sent to  
the printer.

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the specimens are sent to  
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I have also written him  
that the list of plants  
sent last week, and that  
the specimens are sent to  
the printer.



The season is backward and the  
and for a some last days.  
but will be a fresh.

Bartholomew seems to want  
very much of Louisiana. I  
suppose they might be got if I  
leave just when I go. But  
there is a April and generally  
strong with them. If I can  
get to a good locality I will  
try to satisfy him. But I  
must get my people, to dig  
up that - Louisiana.

Perhaps Mr. M. will be  
satisfied that your plan of  
carrying the plants before sending  
is the best.

Yours truly  
H. C. Tracy

Davenport Academy of Natural Sciences.

Davenport, Iowa, Aug 18<sup>th</sup> 1871

My Dear Mr. May.

I have written you to acknowledge the receipt of Sept 10. I have traced up the loss of my previous letter, and the very letter of mine. It was included in a parcel, which I sent to a private bank for mailing, and which have been lost. I regret this not only a reminder of the necessity of more care, but because, it contained some expressions, I speak at the time of my gratitude to you for your friendly interest in my behalf during the year past, and my earnest desire to answer it for the time I can. I must leave you to imagine how it appeared at the time. My letter is in the study house, and probably will be there.

DAVENPORT

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DEAR SIR:

The Davenport Academy of Natural Sciences has been organized for the purpose of disseminating useful knowledge and investigating subjects of a scientific character; and to build up a Museum of Natural History by donations and exchange with other institutions and individuals interested in the cause of science. Donations respectfully solicited.

Lecturers are invited to correspond with Luther T. Eads, Chairman of the Financial Committee.

W. H. PRATT,  
Secretary, Box 585.

Plimmer's Globe Print.



Handwritten title or header at the top of the page.

My dear Sir,

I have your letter of the 11th inst. and am glad to hear that you are well. I am also well and hope this letter will find you the same. I have not much news to write at present, but I thought I would write a few lines to let you hear from me. I am still in the same place and doing the same work. I have not much time to spare at present, but I will write again when I have more news to tell you. I am, Sir, very respectfully,  
Your obedient servant,  
[Signature]

I have just been thinking of you  
 and how much I have enjoyed the  
 last year of our life together. It has  
 been a very happy one for me.  
 I have been very busy, but I have  
 managed to find time for you.  
 I have been thinking of you very  
 much lately, and I have been  
 wondering how you are getting on.  
 I hope you are well and happy.  
 I have been thinking of you very  
 much lately, and I have been  
 wondering how you are getting on.  
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 I hope you are well and happy.







Concordia Cloud Co. Kansas

April 20<sup>th</sup> 1873

My Dear Mr. May

Your letter of 5<sup>th</sup> inst. has just reached me here. I was just before leaving Davenport so that our letters crossed. I expect now to finish my examinations next week and return to Davenport via St. Louis by May 5<sup>th</sup>.

I was not altogether surprised at the information in your letter that I might be called to the Curatorship of the Torrey Herbarium: but my sense of personal loss is too keen to cause any feeling of gratification. Indeed I should shrink from the responsibility of occupying a position that has been so long filled by one whom we all delight to have in the place. There is something I wish to say to you personally. I am much needed in view of your exceedingly friendly and almost too strong recommendation. I have no direct knowledge of Mr. Torrey had any such intention towards me but I am sure that to the last he was full of the kindest



wishes and some of his allusions seemed to point  
in this direction. If under all these circumstances  
it should be decided to fill the position by another  
occupant, it will be a sufficient indication to  
me that it is not best that I should occupy it.  
If it is definitely offered under circumstances that  
I can accept I shall have every  
possible inducement to exert myself to the utmost  
to fulfill its responsible duties satisfactorily.  
As I am very willing to leave the matter.

When in my way out I spent part of a day  
with Dr. Engelmann. He was just finishing the  
proofs of his Yucca paper. He had just received  
a letter from you in Washington. He showed me  
specimens of *Portia*, *Chamaeleon*, *Sceloporus*, which  
I recognized as a *Sceloporus* of which  
Palmer got nice specimens in 1870. I also saw  
specimens of *Portia*. *Tosca*, which seems hardly  
sufficiently distinct from *Libella*. There is also  
an error in giving the specific name as *Dr. Engelmann*  
said in referring to his description in  
Notes of the Am. Mus. nat. *Carmulosa*. But  
as I distinctly remember I shall of course find

the plant on the shores of Yellowstone Lake.  
There are here A seems to differ from *Libella*  
in its fresh growing state.

Before leaving here I shall try to put you  
up a small number of *Sceloporus* and a yellow flowered  
*Umbelifer* was just coming  
out. The latter I hope will reach you fresh enough  
to perfect its fruit. It will be nice for early  
flowering in rock crevices.

Last Monday's storm which I just passed  
was a heavy one. Through this section of country snow  
still lying in drifts. Some times but so many  
cattle perished by freezing now it is quite  
pleasant and looks like settled Spring weather.  
I may possibly be home soon but I  
have at least will collect it later on my way  
to Salt Lake Dr. Engelmann. Dr. Allen told me from  
Salt Lake said "The lake side was covered with  
*Lilium nudicaule*. The earliest spring flower."  
Should note that be good for collection. I shall  
be in my Yellowstone trip from November  
by May 20th will again soon.  
Very truly yours

C. C. Parry.



I will have a strong handed  
assistants & dig deep -  
I hope to hear from you  
on my return to Denver

Very truly yours

C.C. Parry

I was much pained to see in  
a short newspaper notice  
the death of Sullivan. said  
to be 40 years old is not that  
a mistake. I thought him  
about your age -

Kansas City Mo  
May 18<sup>th</sup> 1873

My Dear Mr Parry

Forward me here your letter  
of April 29. I may save  
a little time to answer it  
once. I am here by appointment  
to meet some RR officials  
make my report and then  
return home. Probably via  
St Louis.

I am not personally disappointed  
in the shape that Torrey's Curatorship  
has taken. Especially as it  
seems to be a convenience to  
the family. Of course Le Roy's  
appointment is temporary and he  
can keep things from spoiling

till such time as the Trustees  
are prepared to honor appreciating  
Mr. Torrey's life work. In the  
mean time I have plenty to  
do and look after. and as you  
say the matter can wait.

Please send me at once  
by mail. the copy of Hook &  
Benth fern. notify me of cost  
which I will remit + postage  
I suppose I shall have but  
little over a week at Dawson  
before starting west again.

I sent you a small parcel  
of roots by mail from Concordia.  
I fear they may not reach  
you in good condition. The  
Anemone Decapetala is a charming  
plant. with two distinct varieties  
white & blue. I see I found  
a bulb which may help it to  
keep alive.

I enclosed in a newspaper to  
Watson, a very neat Alliaceae  
plant quite new to me. I  
suppose it will have to pass as  
an Allium. but the stamens are  
enclosed by a row of hyaline  
scales. The whole plant is a  
pretty hyacinth clone. If a ~~true~~  
Allium & more sp. a good sp  
name would be A. coronatum.  
I shall show specimen to  
Engelmann. perhaps he can  
name it for me. I only  
found it in one locality while  
on a long tedious horseback  
trip to a desolate salt district  
but I have enough specimens to  
supply the principal herbaria  
Mr. P. writes that Backhouse  
has written me again giving  
a list of desiderata. If I  
am able to do anything for  
him this fall at Empire city.

Davenport May 14<sup>th</sup> /73

My dear Mr. Gray

Mr Watson's  
letter of 14<sup>th</sup> inst. General  
Pl. will be along in due time  
I enclose P.O. order for \$7.00 to  
cover cost

I staid a day with Engelmann  
on my return he put me on  
the track of Androstaphyllum. but  
did not examine critically to  
see if distinct from A. violaceum  
I would like to have some  
bulbs for cultivation but I was  
on horseback out of the settlements  
and no means for digging etc etc  
It has a light hyacinthine color  
spreading perianth, showing the  
corolla. embracing the stamens



I am ordered to report at  
Ft Bridger before June 1<sup>st</sup>  
young Putnam has gone on in  
advance to take stationary  
positions. I think on the  
whole I shall prefer this trip  
to the big one, as we go direct  
into the high mountains, and  
waste no time on the plains &  
"bad lands," good for fossils, but  
not so good for live things.  
I wish Watson could go and  
much is out there somewhere  
I hear again from Backhouse  
some more underscored wants  
I shall try & get Leucospermum  
for him & good stock & send  
by mail a express from Denver  
or Cheyenne. I shall try &  
arrange to leave the exp<sup>d</sup> in  
Sept early enough to collect  
rocks & conifers at Durango or  
some other good place and

will ~~arrange~~ to make  
a big pile. If it can be satisfactorily  
arranged. Mrs P. will come out to  
Colorado to meet me, in company  
with Mrs Putnam, and we will  
take the Rock house by storm  
I have some roots of Abronia  
fragrans. shooting up that I  
left out all winter by way of  
experiment.

When can I get a copy of  
"Baker's revision of Liliaceae"?

I expect to leave here about  
27<sup>th</sup> inst & go direct to  
Denver.

Yours truly  
C. L. Parry

Dinner June 4<sup>th</sup>, '13

My Dear Dr Gray, I have just finished packing & putting in Express office. Box containing between 600 & 700 roots of Leucoselinum. I found it too inconvenient and a waste of time to put up parcels for mail, so put all together in one box. They will no doubt transport better in bulk. I have preserved the roots as much as possible left in some of the native soil and packed up with tufts of fresh Festuca. A few roots and mostly at the bottom of the box, will speak for themselves.

The Bookhouse to whom I lately sent a second specimen of Leucoselinum, writes that 1000 roots would be desirable. If I could have had another day & a larger box I could have filled the bill.

This will at least give a  
fair test of what can be done  
with Leuco-crinium.

I leave tomorrow on route to  
Ft. Bridger and next week  
I suppose we will be on our way  
to the Wind River & Big Horn  
country. I shall probably not  
be able to communicate with  
you very frequently. We will  
try to improve the chances. I  
hope to be able to get through by  
Sept. and put in a month there  
collecting for Backhouse.  
Mr Greene promises to meet  
me there. I also have some  
hopes of seeing Dr Engelmann.

I have seen Fordner, Hayden's  
topographer who is now commencing  
a thorough triangulation of the

Mountains. - They are now  
measuring a base & putting  
up signal towers. He has  
agreed to adopt Forney's name  
for the West peak, not simply  
on my representations, but as  
a matter of scientific justice &  
proper respect to the memory  
of a worthy distinguished American.  
This will of course fix the matter  
in spite of Whitney's opposition.

Mr Parry will send you from  
Sawtooth a home copy of Parry's  
in the Putnam family. containing  
an article by Mr Putnam Sr  
on our trip to Parry's Peak.  
It is beautifully written, and  
worthy of extended notice. Mrs  
Parry will be interested in it.

I can hardly say when I shall  
write you from next  
very truly C. L. Parry



St. Bridget, Wyoming, Terr.  
June 11<sup>th</sup> 1892

My Dear Mr. Gray, The order  
has been given out to be  
ready to start on our march  
tomorrow for Camp 11  
on Wind River. I have  
accordingly packed up the  
few plants gathered here to  
be stored till my return.  
Running them over I pick  
out a few scraps for you  
as enclosed viz

*Asplenium arvense* ? which  
I take to be that very variable  
in the size & length of the leaves

growing  
soil *Deschampsia cespitosa* in grass  
= *A. acutis*, just Nuttall's

also a wrap of Thely. mucronata?  
very neat of which I have  
collected large fine specimens  
& will try to secure seed  
- my return = P. longifolia

Elycia concinna which  
grows on high gravelly knolls  
associated with Askapala cespitosa

I shall hope to hear from  
you at Camp Brown via  
Atlantic City Wyoming. which  
will be our P.O. address through  
the season, and which point  
we will not leave till after  
July 1<sup>st</sup>

Yours truly

John May

E. L. Parry

Camp. on Sandy Creek. 20 miles  
West of South Pass

June 20<sup>th</sup> 1873

My Dear Dr Gray

Here is another  
installment of scraps from our  
route to Wind River. Tomorrow we  
move to South Pass, and will leave  
the Desert region of Green River basin.  
I am glad of the opportunity to  
gather up some of the evanescent  
forms brought out by recent rains.  
You will be glad to see Astragalus  
fl. Nutt. Several other species  
new to me. I am collecting carefully  
in fl & fruit. We will reach  
Camp. Brown and then  
a short delay before starting for  
Yellowstone along the Eastern edge  
of Wind River Mts. we will ascend  
Fremont's Peak. There is a  
snow on the snow mts. It



accessible. As long as I am  
on a mail route I shall continue  
to drop you scraps from time to  
time in which please report to me  
as promptly as possible that I may  
collect largely & fully of such  
as are desirable.

We are getting into a cooler  
climate. but wide range of  
temperature from  $32^{\circ}$  to  $90^{\circ}$   
In some of these desert valleys  
I find some change. Not from  
vigor, Euthamia, humulus, Bryopsis deflexa  
Sturnella forficata. Rhamnus -  
&c &c. I hope to make a pretty  
nice general collection. but will  
collect only the rarer species.  
I hope to hear from you soon  
by a mail to be intercepted en  
route to Camp Brown  
very truly yours  
C. C. Parry

As far as I have seen the  
Mt flora here is much less  
rich than in Colorado, a few  
new things, but a more marked  
absence of others, very common  
there. such as Juniperus, Cercocarpus  
ubus Delicissus &c &c. The pine  
growth here as far as I have seen  
is confined to Pinus flexilis  
P. contorta, P. ponderosa, Abies Douglasii,  
A. Engelmannii, A. grandis all  
mostly of small growth.  
I suppose we will be out of  
the range of P O for a while  
except accidental chances, which  
I shall try to improve. I wish  
in the mean time you would  
ask me a line to this address,  
I feel well satisfied with the  
work so far done, & hope to  
do something creditable for the  
month. - Very sincerely Yours

C C Parry

Camp Brown  
Wyoming Terr  
July 9<sup>th</sup> 1873

My Dear Dr Parry  
I was somewhat  
disappointed not to have got a  
line from you before leaving, but  
I suppose you are full of necessary  
work as usual. We are to leave  
tomorrow, with a pack train for  
Yellowstone, expect to be about  
20 days on the route, and  
will go over some interesting  
country. I have just returned  
from my 11<sup>th</sup> Mt Trip near the  
foot of Fremont's Peak. I enclose  
you some scraps, part of the  
fruits. You will be pleased with  
the Aster or whatever it may  
be - The Oxytropis too which must

belong to that genus is quite  
distinct from anything in the  
genus. Of all of them I have  
abundant & nice specimens, which  
will be stored here till my  
return. From this on I shall  
be more restricted in transportation  
and will have to economize in  
collections. One of the most  
common of the fossil plants  
is Balsamorhiza Hookeri, which  
I have not met before in  
some localities associated with  
B. hastata, I also find plenty  
of Peucedanum strictum which  
is a nice species.

Lewisia is quite abundant near  
here I have been collecting  
several & have my paper  
on the subject. I will  
make specimens to my  
some roots to be dried. Then  
till my return. I have  
concluded from some observations

that plants will do best dug  
up after seeding, before they  
disappear entirely. Then kept  
in a box lightly covered with  
earth till fall. When they can  
be transplanted & ready to  
come out fresh in the spring  
I hope to get 1000 good plants  
for the house. I sent you  
in a paper one specimen dug  
in this way as an experiment.  
It looks now rather doubtful  
whether I can get back in  
time to do any collecting  
on my own hook next Sept  
in Empire as the work already  
blacked out will keep us in  
the field till October. In the  
mean time Mr. Backhouse will  
have the appearance of a  
man to know what is best  
to collect again.



Camp on Wind River

20 miles from Camp Brown

July 13<sup>th</sup> 1873

My Dear Dr. Gray.

One days march from Brown we were overtaken by a mail rider bringing your letter of June 26<sup>th</sup>! So I see, I have not been overlooked in your correspondence. How glad that the scraps so far recd. turn out well. plenty of good specimens now safely stored at Camp Brown. I was surprised that the pretty white fl. comp. is a Tanacetum!?

You will have recd. some other nice things before now. I was delayed by high water. A singular terraced valley I took a stroll to the high table land getting among other things the enclosed. A. H. Allen. and

A Camp. with singular hy-  
pothesis

We hope to reach high Mts.  
this week the Red Creek range  
& the Yellowstone in 2 or 3 weeks  
I may not get a chance to  
write again soon but if I  
do write you from N.

Should be glad to hear from  
you via Brown on our return  
or by express when before

Very truly

C. C. Parry

Calif. *Mon...*  
" *Fl. ...*  
" light-green. Scarcely brown at base.  
*Aphyllon luteum* n. sp.

Stems simple mostly covered with broad ovate  
clasping scale bracts, flowers forming  
sub-paniculate spikes, peduncles proceeding from  
the axils of the upper bracts, outermost lower  
developing earliest and containing  
inner partly developed flowers, peduncles twice  
the length of the developed flower  
Calyx closely enveloping the enlarging capsule  
deep sub-equal persistent.

Corolla contracted above the calyx 3 times  
longer curved towards the summit sub-labrate  
lobes near equal the two upper arched, the  
lower connected with the side lobes by a  
pleated fold forming a slight projection.  
Stamens attached by a widened base to the  
lower tube of the corolla included slightly  
unequal; anthers double celled filament attached  
near the middle, the lower end tapering to a  
sharp point the upper end conspicuously



covered with a bearded tuft of whitish hair;  
anthers opening by an oblong slit; pollen  
developing before the flowers are fully grown  
remains of the anther persist.

Style longer than the stamens, included  
crowned with a flattened 2 lobed stigma.  
Capsule ovate inverted with the remains of  
the flower; seeds numerous pitted.

Hab. Dry sandy hill sides. Wolf Creek  
Whole plant of a light yellow color  
tender, set with glandular hairs.  
Parasitic on slender grass fibers

July 20<sup>th</sup> 1873

Camp on Yellowstone  
Aug 5<sup>th</sup> 1873

My Dear ~~to~~ <sup>my</sup> I have  
just time by getting up  
before day light to  
enclose a few scraps &  
my gatherings to this  
point. I have the parcel  
all packed to be sent  
via Ft Ellis to Omaha  
as being less risky than  
~~with~~ the Indian route by the  
head of Wind River.  
Some nice things. As large  
to enclose I have notes  
on many. There a  
Stanleya with hastata leaves  
and tormentosa, S. tormentosa var. 8/.

I have an understand  
recollection that there  
is such a species described  
in Watsons. It is a very  
striking species.

Since then I can't now  
think of it.  
We have had a successful  
but rather hard trip  
will stay about here for  
10 days & then move  
south by the river  
to head of Wind River.  
I have not been to many  
strictly alpine localities  
11,000 ft. the highest  
This is a very attractive  
locality but Hayden  
tells all about it  
see 'Rep' for 1871

Please acknowledge  
receipt of this to Camp  
Brown. When we expect  
to be early in Sept. &  
then move homeward.

I hope to do considerably  
more but will be  
cramped for transportation.

Hope to hear a good  
account from you. I  
may get another chance  
to write before leaving  
here.

Truly  
C. C. Parry



Camp on Yellowstone  
below Big Cañon

Aug 14<sup>th</sup> 1873

My Dear Dr. Fung, I am likely to have  
another chance of writing before leaving on  
our return route to Camp Brown. We  
are now waiting the return of our supply  
train from Ellis bringing us 20 days  
rations to carry us to our starting point  
at Brown which we shall be obliged  
to reach by 10<sup>th</sup> Sept and thence homeward  
via Ft Steele. It does not look very  
promising for doing any thing for Backhouse  
in the root line this fall all will depend  
on the time spent in getting to the RR  
of as late as Oct I shall not attempt  
anything in the high alpine region this  
season. You will write me to Brown  
and advise me in this matter

I find very little of ornamental interest  
in the Park. The high Mts are not high  
enough to reach the true alpine vegetation  
and the lowlands and pine forests (mostly  
*P. contorta*) are mostly common. The hot  
spring, & mud volcano distinct of which  
this region is full offer nothing new  
except perhaps in microscopic forms.  
I shall be able to add considerable to  
Hayden list however and will get  
up a pretty good Park list. We have  
yet to see the great sight of the  
feyers. The falls are more prett than  
grand and the Cañon is "no great shakes"  
being accessible everywhere, and Hayden  
"inimitable colors," are more red & yellow  
Darks. His description has caused much  
amusement to our company when read  
in the spot. I have seen one patch  
of *Porterella*, very Lobelia looking, grows  
in vesicated pond holes, not muddy flat as  
I expected. I hope to see it again. Later  
when it is fully grown my specimen will  
be about 1' high.

I send specimen of *Aster Haydeni*, later  
which is the common high Mt *Aster*  
and I judge hardly a distinct species.  
It is just a bright purple color.  
I also send a specimen of *Monstrosperma*  
which I take to be a *Newberryi*.  
I have found *Jaucheria myrsinoides* in fruit  
red sub-acid & pleasant eating.  
I also enclose a *Bostrychia* lately found  
in high Mt valleys very wet. There is  
a large robust form of which I have  
seen barely 2 specimens.  
I hardly expect to do much more on  
my return route as by the time we  
reach the high Mts the alpine plants  
will have retired for the season.  
I shall however do all I can & collect  
mainly of choice desirable things.  
As soon as possible after my return  
I want to get up a paper for the  
Naturalist to contain description of new  
a little known species collected on the  
trip, as otherwise my report may not be  
printed for a year or more, if at all.



I am sorry to hear you is

The collection sent via H. H. H. might  
be ready Omaha before us. and I shall  
have all the ballance with me so that  
I can quickly sort up on reaching Dawson  
& send you a complete set. In the mean  
time your notes will be something of a clue  
to what is most desirable.

I now call to mind that Laucaetum Waltellii  
the small flowered capsule they grow  
from River. (not large white flowered) of which  
I have plenty in the early state. but did  
not meet it again after leaving from River  
So must again close. after seeing the  
geysers shall be anxious to push for home  
we find the atmosphere of the Sulphur  
Spring district quite debilitating. not good  
for invalids! The Lake & Falls are good  
in this way. but the Park as a whole I  
regard a failure.

Sincerely yours

C. C. Parry

I am getting Allison for Watson



and will follow me closely  
to Davenport

I shall be quite proud of  
my Stanleya tomentosa. Herbarium  
it is to be undescribed, as it is  
a most remarkable elegant  
thing. You will know it once  
whether there is a pubescent  
species with sharp hastate leaves  
it grows in a thick spike often  
5 ft high.

As before intimated I should  
like to get the new things  
published as early as Dec<sup>r</sup>  
in Naturalist. The whole  
matter of publication & distribution  
will be left entirely in my  
hands by Capt. Dr. who has  
been constantly kind & considerate  
I will perhaps write you  
in winter to Davenport

Yours  
C. C. Pursey

Camp, Brown Tr J  
Sept 14<sup>th</sup> 1873

My Dear Dr  
Your letter,  
of different things, meet me  
here in the 11<sup>th</sup> inst. safe  
from a very successful  
return trip, via. Upper  
Yellowstone, Snake & Wind  
River to this place.  
Since writing you last from  
Yellowstone Valley, has been  
rather scant but several  
nice things turn up  
of which I enclose a few  
scraps. You will be pleased  
I know to see Subularia again?  
from the head of Yellowstone (the

not a variety but covering  
the beach for miles! The  
floating specimens gathered  
from a depth of 12 inch water.  
Among my last gatherings  
was the enclosed *Droba* -  
which does not seem to fit  
any of the descriptions in  
Watson's Rep.

Since striking Grand River  
valley, the storm has given  
me relief, and I have  
packed my portfolio &  
taken to Red Butte.

I have a good stock of seed  
of *Erythronium grandiflorum*  
*Fritillaria judice* *Aster Haydeni*

and some others. I get here  
infrequently. Back home. Letter  
I expect to learn tomorrow of  
the quickest route for Canada  
hoping to reach Superior by 21<sup>st</sup> inst

I shall stay there as long  
as I can do anything in  
the collecting line, and you  
can address me there. I  
expect to meet Mrs Parry  
at the Peck house. Then I  
have not heard that she  
had actually left for there

On the whole I am well pleased  
with the season's work, of all  
the choice & desirable things  
I shall have plenty of  
specimens for distribution as  
I have purposely neglected  
common things. Except  
the collections made going  
out to the Yellowstone which  
were sent via Ft Ellis and  
may be delayed on the route  
all my other specimens are  
here in excellent condition

Denver. Sept 20<sup>th</sup>/75

My Dear Dr Gray: I reached  
here last evening. This morning  
Mrs Purry met me, and we  
start tomorrow for Empire.  
I have just packed a box  
to go to you by express  
containing the roots of Lewisia  
left at Camp Brown and  
on the way I dug up hastily  
some matr of Phlox - (2 sp.)  
including what I take to be  
P. Hoodii, the loose branched  
and P. crispiflora?. The former  
is a most beautiful species  
forming a dense mat of flowers  
& leaves. They were quite dry  
when gathered, and I therefore



concluded. would carry best  
closely packed without moisture,  
by interposing a sheet of rubber  
cloth. I put the miscellaneous  
seed gathered on route (except  
some out quite dry enough)  
which I will keep for  
another parcel

I hope to be able to fill  
up most of Backhouse's wants,  
though it will be hard to  
get two Pemula angustifolia  
I shall do, as long as the  
season will warrant

If I find time I suppose I  
may as well recollect pine  
seed, to be shaken out loose  
which Backhouse can dispose  
of in the market

I hope to hear from you  
soon

Yours ever

C. L. Parry

Sent by express to  
Prof. Gray, Sept 25<sup>th</sup>/73  
for Mr Backhouse

## Contents

Roots of Lewisia  
collected at Camp Brown  
in July. kept in earth.

Roots of Phlox Hoodii ?  
collected at Ft Stambaugh  
Sept 17<sup>th</sup> 1873

" of Phlox Caeoliflora ?  
at same place

Miscellaneous set of seeds  
collected en route to Yellowstone  
All dry except seed of  
Elaeagnus argenteus  
which enclose a hard nut

C C Parry

The Lewis roots left here  
not as many as I wanted  
(300. ?) & seem in fair condition  
I shall take them with me to  
the R.R. and make up a box  
including Phlox & so on. This  
was.

I see Backhouse here, on looking  
after P. Hordii. which if I  
have recognized the specimen  
is most charming & can be



got in quantity -

C.C.P.

Davenport Oct 13<sup>th</sup> 1873

My Dear Dr. Gray

I send by this mail  
balance of seeds collected as follows

No 1 *Polemonium confertum*

" 2 *Actinella pinnatifida*

" "

"

"

" 3 *Shepherdia argentea* (Wm. R. ...)

" 4 *Senecio amplexans*

" 5 *Saxifraga punctata*

" 6 *Trifolium dasyphyllum* 7 & 8

" 7 *T. Parryi*

" 8 *Gentiana Parryi* (hardly mature)

" 9 *Pedicularis Parryi* } Mr B. wants to have

" 10 *P. procera* } some of them but not

" 11 *Castilleja pallida* } but some ?

" 12 *Prinula Parryi* Mr Beckhouse

writes "no seed wanted" but the seed was so much  
matured that I collected some. if not needed by  
Mr B. can be distributed elsewhere,

Backhouse includes in his underground  
list Mertensia Virginica. If I can find  
any roots here will send in a mail parcel  
I shall write to Mr B. full details as to  
what I have collected or failed to  
collect, I brought with me a few roots  
of Primula Parryi that look nice & though  
inclined to grow. Ranunculus adoneus  
still more sprouty.

Some last year roots of Abies fragrans  
flowered nicely here through the dry season  
& were much admired.

I shall hope to hear from you this week  
announcing the safe arrival of the  
boxes.

I have with me now in excellent  
order the plants collected so far as  
Camp Stambaugh. Hope to receive the  
rest shortly, and will then select for you  
full material for working up the rarities  
and novelties; I shall have the distribution  
of the duplicates as part of any perscriptions  
in making up reports, after supplying

collaboration & the government set  
will have 12 or more pretty full sets  
to dispose of (50 to 75 specimens) at \$100 per  
set. I am in hope to make out  
10! new sp.!

Aquilegia Jonesii n. sp. I see  
by comparison with A. vulgaris, is a  
good species!

Will write again shortly when I get  
things straightened out a little.

Very truly yours  
L. L. Parry



Davenport Iowa  
Oct 18<sup>th</sup> 1873

My Dear Dr. Gray I just  
got your letter of 13<sup>th</sup>  
announcing receipt of Boxes  
and I imagine the high  
express charges are partly  
due to the short passage  
on narrow gauge R.R.  
from the Mts. but it  
is still too high.

I do not yet get  
my collection, or any  
word about them. I am  
sorting up the plants now  
on hand, including Green River  
among them the enclosed

Which turns up a good  
Calyptridium? are sp?  
I have barely 10 specimens  
all in about the same  
condition. You will see that  
it is quite distinct from  
Fraxinus Canadensis

If the collection is delayed  
much longer I shall put  
you up a set of what  
I have now on hand  
so as not to lose time.  
How did you find the  
live plants?

Yours truly

C. C. Parry

Davenport Oct 31<sup>st</sup> 1873

My Dear Dr Gray,

Another small parcel  
sent by this mail numbered on from  
the last - number in pencil on the  
sheets with the specimens viz

- No 28. Delphinium — ? Ft Bridge  
" 29 Vesicaria alpina — Green River  
" 30 Draba trifoliata Pacific Springs  
" 31 Arabis — ? Sweet water  
" 32 Lepidium montanum Mts South Pass  
" 33 Capsella elliptica Little Sandy.  
" 34 Ribes — Sweet water  
" 35 Tellima terrestris " "  
" 36 Arenaria — — Little Sandy  
" 37 A. — — " "  
" 38 Chrysantha Andina Mts " "  
" 39 Dr. alleganensis ? Green River  
very variable in size, lower leaves with pinules  
" 40 Malvastrum coccineum? Little Sandy



41. *Umbelifer* — — Little Sandy  
 42. " *Puccdamm* ? " "  
 43. " " " ? " "  
 44. *Pentstemon humilis* Nutt from signed locality  
 Pacific Springs  
 45. *P. Fremontii* Gray Pacific Springs  
 46. *Castilleja* " "  
 47. *Castilleja* — " "  
 48. *Plantago* — Little Sandy  
 49. *Erichium glomeratum* var Ft Bridge  
 50. *Mertensia* — Pacific Springs  
 51. *Gilia menziesii* ? or Watsons ? from K.  
 52. *G. spicata* Nutt, Ft Bridge  
 53. *G. Breweri* Gray Dry Sandy  
 54. *Elegans argenteus* Nutt Little Sandy  
 55. *Phlox Douglasii*, var very different in  
 habit from the Colorado species. from  
 these flat masses. very abundant in all  
 MZ Alps, Wind River range  
 56. *P. canescens*, Dry Noble land  
 57. *P. boydii* Nutt Pacific Springs, seen  
 only in one locality. Nutt's

58. *Phlox longifolia* Ft Bridge  
 59. *Oxytheca dendroidea* Nutt Little Sandy  
 60. *Chenopod* — ? Dry Sandy  
 can't make out collected on 21, when  
 in September.  
 61. *Obione* — ? Ft Bridge  
*triplex nuttallii*

Some indigenous grasses &c which  
 need not be sent till my general collection  
 comes to hand. I have heard from  
 Capt Jones. he has been getting married  
 & consequently demoralized? for business.  
 "The T. Ellis parcel can't be found.!"  
 the rest not arrived!!

I have not the heart to write up  
 anything till the collection comes - but  
 will name something for Naturalist in  
 time for Jan No. How late can I see  
 manuscript for December no.?

I leave this open to see if any thing to  
 add. after you, to Port after.

Yours ever  
 C. L. Perry

P.S. and much respect - to you &  
the children. The 15th Jan. 1860  
I received your letter of the 10th  
and was glad to hear of your  
wellness. I am well at present  
and hope to be so again soon.  
I am, dear friend, ever  
yours truly,  
Edgar Allan Poe

$M, J$  is doubtful, near  $O$ , Lagpos. Can it be a var. of the 1  
Can it be *Itaburiana*

Parcel sent Nov 21<sup>st</sup> 1873

- No 1. Oxytropis campestris <sup>var</sup>? Yellowstone Lake  
 " 2 O. campestris = No 1? Owl Creek  
 " 3 O. viscidiflora Nutt? Wind River  
 " 4 O. viscidiflora Nutt? <sup>very near, but not of the same</sup> Mt Washburn  
 " 5 O. campestris? " " on low elevation  
 " 6 O. campestris L yellow flowers Owl Creek  
 " 7 O. Lamberti Ph Wind River Nutt  
 " 8 O. Lamberti Ph? Middle Park 1864 yellow flowers  
 " 9 Astragalus flavus Nutt fr Owl Creek  
 " 10 A. missouriensis  
 " 11 A. glaberrimus Hook <sup>Wind River</sup>  
 " 12 A. pictus fr <sup>abundant in the fruit</sup>  
 " 13 A. — no sp? <sup>Stinking water</sup> Wind River fl white  
 noticed this plant frequently but rarely fr  
 fruit  
 No 14 A. Shortianus Gray & fr Yes!  
 " 15 A. triphyllus fr Wind River  
 " 16 A. caespitosus Gray ~~= A. simplicifolius~~  
 " 17 A. micranthus? Stinking water = var. 418.  
 " 18 A. — no 17? micranthus fr  
 " 19 Erodium Suckleyi Torr! Stinking water  
 " 20 A. — no 19? A. — no 20? A. — no 21? A. — no 22? A. — no 23?



First received. I will do -

my father, perhaps tomorrow

Location of my father in

the accompanying. Please return  
and put in a check for publication  
but they will not be needed for

my 22 paper. Please - of change

because the change for more paper

to come in I got my paper of 22

will not at the whole collection

last before house. The 22th house

even to hand all right

In house

Yours

P. P. Barry

Nov 21

Davenport, Dec 2<sup>d</sup> 1873

My Dear Dr Gray      Yours of 25<sup>th</sup> Nov to hand  
as there may be some delay in putting up your general  
parcel, I send by this mail a small parcel of  
"Quidities," to keep you warm. I have my  
collection now all sorted up and numbered so that  
I can turn it over to any particular species  
my numbers go up to 307, and hereafter as  
in this parcel I shall use the regular number  
affixed to the collection, as distributed.

*Astragalus flavus* now No 75 I send an average  
size specimen. From Green River, June.  
"No 9" sent as fruit of *A. flavus* was  
collected later (July,) in the creek valley. I did  
not examine closely but seeing remains of  
flowers. (yellow, a light cream.) I decided it  
must be *A. flavus*, and collected it for  
fruiting specimen, fortunately some good  
flowers mixed of which I send specimen. I  
now see it is not *A. flavus*, neither do I  
think *A. pectinatus* var. I think you will  
easily find distinguishing characters from either,  
both fl. fr. & foliage. I wish you would  
let me name it *A. Grayi*!! as better your  
discovery than mine.

I have collected largely of Oxytropis with a  
view to get it in some satisfactory shape.  
No 4 & 5 were collected at same time in  
slope of Mt Washburn 4 at an elevation of  
10000 ft. No 5 lower down. I therefore concluded  
= 4 being the more alpine form of 5. neither  
had the least resemblance (in habit) to O. lagopus.  
I do not like lumping all these things under  
O. campestris. but what can one do with  
that species - O. Lambertii?

Of Compositae No 150. sent you before. you wrote  
"Hulsea n. sp."? I have plenty of specimens for  
distribution. You will be glad to see 178  
Tanacetum capitatum var. Two Antennaria  
that looked a little strange to me. I thought 174  
might be A. luguleoides? 175. A. alpina.  
I will send in my last box of the general  
collection, making up 2 or 3 sets of the rare things  
for you to distribute to Kew. D.C. &c.

I think Aphyllan luteum quite distinct from  
A. fasciculatum had them both together when drawing the  
description. I should have underscored the differential  
characters. but of this another time

(I send specimen to Incl.) Yours C C Parry

Just to hear of Hulsea n. sp. from you



Please return when used, filling up  
the blanks, and making corrections. In  
opening the parcel the numbers from the  
top will count backwards. but in running  
them over for first inspection they will get  
in numerical order, and the list will show the  
numbers corresponding to the species -  
When specimens are scarce, it will indicate  
a limited collection, either because they could  
not be got in quantity, or were considered  
not of special value. A set of cones  
have been sent to Olney corresponding to  
the numbers. Later her name & the ferns  
I should like to get an early report on such  
as seem of special interest, in order to  
incorporate in my 2<sup>d</sup> article. I shall take  
up the Botany of Mud Run Owl Creek &  
Shinty water in 2<sup>d</sup> article & conclude in  
a 3<sup>d</sup> on Yellowstone &c

A.C. Perry

Tues. Jan. 10<sup>th</sup> 1870

My Dear Dr. Gray " I got in a more & more interesting  
of article No 2, which I enclose in an old Schumacher  
envelope. I conclude best to postpone them, until we  
be well established, so and have them all in a body in  
an appendix so will have a much more complete  
than in shape. I will leave you to characterize  
No 15: 55. - not Gray's 150 218. I will do what I can  
with the others and let you decide. I am not  
at all satisfied to call 144 *Thymocordia grandiflora*  
it is so entirely different from our Colorado species  
under that name neither can 145 be a var. of 144  
as the former lacks the deciduous pubescence which  
I have sent specimens to Eaton to compare with  
his typical *T. scapigera*. If you think best to  
characterize the Putnam specimen as a sp. I have  
given it in my paper the provisional name of  
*T. candidatus*, and it seems to me that this  
name nearest to 145. Have you a Nuttallian specimen  
of *T. grandiflora*? in Torr. & Gr. the description says  
"light pink" in Colorado also, & I have seen  
he will see what Eaton says and I hope  
settle them for you."

Nov 20, 1915. *Redolentia* *Parviflora* is not the  
same as *Redolentia* *Parviflora* is smaller  
fl. greenish white, while the yellow line found in  
deep red ones like *R. sudetica*. I suppose  
this is the species in *Parviflora* but "Fide Jacq."  
*Redolentia* *Parviflora* is smaller and  
fl. white and is the *Differencia*.

I am sorry we can't clear up *Dyphipia*. But  
I will keep

a many & more I Happy New Year to  
yourself & the family

Very yours  
C. L. L.



List of plants collected on  
the N W Wyoming Expedition 1873 by  
C. C. Parry.

| No | name                                                       | Locality                                    | Remarks      |
|----|------------------------------------------------------------|---------------------------------------------|--------------|
| 1  | <i>Clematis Douglasii</i>                                  | (not named like <i>C. Scottiana</i> Porter) |              |
| 2  | <i>Aquilegia flavescens</i> Watson                         | Yellowstone, the common wood species        |              |
| 3  | <i>A. Jonesii</i> n. sp.                                   | Old Creek range                             | fl deep blue |
| 4  | <i>Delphinium menziesii</i>                                | H. Bridge                                   |              |
| 5  | <i>D. azureum</i> n. sp.                                   | Wind River                                  |              |
| 6  | <i>Ranunculus occidentalis</i> Nutt.                       | Snake River                                 | July         |
| 7  | <i>R. flammula</i> Nutt.                                   | Stinking water                              | subalpine    |
| 8  | <i>R. glaberrimus</i> Nutt.                                | "                                           | "            |
| 9  | <i>Anemone narcissiflora</i>                               | Old Creek = Wind River                      | July         |
| 10 | <i>Trollius laxus</i>                                      | Wind River                                  | July         |
| 11 | <i>Myosurus <del>caeruleus</del> <sup>marginatus</sup></i> | Snake River                                 | Sept.        |
| 12 | <i>Thalictrum alpinum</i> L.                               | Wind River                                  |              |
| 13 | <i>Stanleya tomentosa</i> n. sp.                           | Old Creek                                   | July         |
| 14 | <i>S. viridiflora</i> Nutt.                                | Wind River                                  | July         |
| 15 | <i>Draba <del>nana</del> <sup>nana</sup></i>               | Snake River                                 | Sept.        |
| 16 | <i>D. alpina</i> var <i>densifolia</i>                     | Pacific Spring                              | June         |
| 17 | <i>Smilacina calycina</i>                                  | Stinking water                              | Aug          |
| 18 | <i>Arabis <del>gussonei</del> <sup>gussonei</sup></i>      | Stinking water                              | June         |
| 19 | <i>Sisymbrium junceum</i>                                  | Green River                                 | June         |
| 20 | <i>Vesicaria alpina</i> Nutt.                              | "                                           | "            |

| No. | name                                                                                                                      | locality                          | Remarks           |
|-----|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------|
| 21  | <i>Vesicaria Ludoviciana</i>                                                                                              | Wind River                        |                   |
| 22  | <i>Capsella, divaricata</i>                                                                                               | Little Sandy                      | June              |
| 23  | <i>Lepidium montanum</i>                                                                                                  | Butte Pass                        | June              |
| 24  | <i>Thelypodium sagittatum</i> <sup>var. <i>montanum</i></sup> <del><i>Thelypodium</i></del> <sup><i>Thelypodium</i></sup> | ? H Starbough                     | July              |
| 25  | <i>Physaria didymocarpa</i>                                                                                               | Red Canon                         | very large fruit  |
| 26  | <i>Nasturtium lyallii</i>                                                                                                 | Wind = <i>crucifera</i> var.      |                   |
| 27  | <i>Subularia aquatica</i> L.                                                                                              | Yellowstone Lake                  | abundant          |
| 28  | <i>Antennaria Drummondii</i> Torr. - ?                                                                                    | Stinking water                    | sub alpine        |
| 29  | <i>Symbium</i> <del><i>carolinense</i></del> <sup><i>montanum</i></sup> ?                                                 | depauperate form                  | "                 |
| 30  | <i>Arabis</i> <del><i>montana</i></del> <sup><i>montana</i></sup> ?                                                       | "                                 | "                 |
| 31  | <i>Draba</i> <del><i>alpestris</i></del> ?                                                                                | "                                 | "                 |
| 32  | <i>Claytonia aurea</i> Hook                                                                                               | Green River                       | June              |
| 33  | <i>Viola Nuttallii</i> ?                                                                                                  | Wind River                        | July              |
| 34  | <i>V. var.</i> 33 ?                                                                                                       | Stinking water                    | sub alpine        |
| 35  | <i>Arenaria Franklinii</i> ?                                                                                              | Wind River                        | July              |
| 36  | <i>A. Hookeri</i> fide spec.                                                                                              | "                                 | "                 |
| 37  | <i>A. congesta</i>                                                                                                        | var. <i>effusa</i> + <i>longa</i> | Compare " it with |
| 38  | <i>A. Nuttallii</i> s. var.                                                                                               | Stinking water                    | July              |
| 39  | <i>A. arctica</i> [ <i>edwardsii</i> ]                                                                                    | Old creek                         | July              |
| 40  | <i>Lupinus</i> <del><i>edwardsii</i></del> (in fruit) <sup><i>edwardsii</i></sup>                                         | Yellowstone                       | July              |
| 41  | <i>Stellaria</i> <sup><i>complanata</i></sup> <del><i>complanata</i></del> <sup><i>alpina</i></sup>                       | Yellowstone                       | July              |
| 42  | <i>Lychnis Drummondii</i>                                                                                                 | Yellowstone                       | July              |

| No | name                                                               | Locality              | Remarks |
|----|--------------------------------------------------------------------|-----------------------|---------|
| 43 | <i>Lychnis Ajacensis</i> , <sup>comp. with</sup> <i>var. minor</i> | Bl. creek             | July    |
| 44 | <i>Spargelia unguiculata</i>                                       | Stinking water divide | Aug     |
| 45 | <i>Lewisia rediviva</i>                                            | Ph Wind River         | July    |
| 46 | <i>Talinum pygmaeum</i> var. <i>californicum</i>                   |                       | "       |
| 47 | <i>Calyptidium roseum</i> Watson                                   | Green River           | June    |
| 48 | <i>Sidalcea acerifolia</i>                                         | Snake river           | Sept    |
| 49 | <i>Rhamnus alnifolia</i>                                           | Stinking water        | July    |
| 50 | <i>Lathyrus linearis</i>                                           | Wind River            | "       |
| 51 | <i>Thunopsis thomboidea</i>                                        | Big Sandy             | June    |
| 52 | <i>Lupinus pusillus</i>                                            | Green River           | "       |
| 53 | <i>L. ...</i>                                                      | ...                   | ...     |
| 54 | <i>L. sericeus</i>                                                 | Wind River            | July    |
| 55 | <i>L. ...</i>                                                      | ...                   | "       |
| 56 | <i>L. ...</i>                                                      | ...                   | "       |
| 57 | <i>L. caespitosus</i>                                              | Stinking water        | "       |
| 58 | <i>L. ...</i>                                                      | Yellowstone           | Aug     |
| 59 | <i>Hedysarum breale</i> Nutt.                                      | Bl. creek             | July    |
| 60 | <i>H. Mackenzii</i>                                                | Wind River            | "       |
| 61 | <i>Trifolium gymnocarpon</i> Nutt.                                 | Pacific Sp            | June    |
| 62 | <i>T. Andinum</i> Nutt.                                            | Hams fork             | "       |
| 63 | <i>T. longipes</i> Nutt.                                           | Sweet water           | "       |
| 64 | <i>T. ...</i>                                                      | Wind River            | July    |



A. Grayi

| No | name                                                                     | Locality                                                                                           | Remarks   |
|----|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------|
| 65 | <u>Astragalus</u> <u>novi</u> <u>cassid</u>                              | ? Wind River, <u>A. ventosum</u>                                                                   | fl white. |
| 66 | <u>A. sericolenus</u>                                                    | "                                                                                                  | July      |
| 67 | <u>A. triphyllus</u>                                                     | Owl creek &c                                                                                       | July      |
| 68 | <u>A. simplicifolius</u>                                                 | Green River                                                                                        | June      |
| 69 | <u>A. caespitosus</u>                                                    | Stinking water                                                                                     | July      |
| 70 | <u>A. missouriensis</u> "10                                              | Camp Brown                                                                                         | "         |
| 71 | <u>A. glaberrimus</u>                                                    | Wind River                                                                                         | July      |
| 72 | <u>A. botryllus</u>                                                      | "                                                                                                  | "         |
| 73 | <u>A. fischeri</u> <del>canadensis</del> <del>found in Green River</del> | "                                                                                                  | June      |
| 74 | <u>A. Purshii</u>                                                        | "                                                                                                  | "         |
| 75 | <u>A. flavus</u> Nutt                                                    | "                                                                                                  | "         |
| 76 | <u>A. puberulus</u> Nutt                                                 | "                                                                                                  | "         |
| 77 | <u>A. Missouriensis</u>                                                  | <del>Do not know name as I sent with ripe fruit, by mail</del><br>- Now it is <u>A. strimmarum</u> | "         |
| 78 | <u>A. hypoglottis</u>                                                    | "                                                                                                  | "         |
| 79 | <u>A. glaucosus</u> Dougl                                                | Big Sandy <del>found sent</del>                                                                    | "         |
| 80 | <u>A. junceus</u> Nutt                                                   | Green River &c                                                                                     | "         |
| 81 | <u>A. campestris</u> , var. ( <u>A. tenuifolius</u> Nutt.!)              | South Pass                                                                                         | "         |
| 82 | <u>A. microcarpa</u> Gray (16)                                           | "                                                                                                  | "         |
| 83 | <u>A. var. of 82</u> = (17)                                              | "                                                                                                  | "         |
| 84 | <u>A. roboratus</u> *                                                    | Stinking water                                                                                     | July      |
| 85 | <u>A. Kentrophylla</u> Gray                                              | "                                                                                                  | "         |
| 86 | <u>Oxytropis campestris</u> L. var.?                                     | Green River                                                                                        | June      |
| 87 | <u>O. leavis</u> Doubtful <u>carolinensis</u> ?                          | Yellowstone                                                                                        | Aug       |
| 88 | <u>O. —</u> form of 87. ? - 2                                            | Owl creek                                                                                          | July      |
| 89 | <u>O. viscida</u> , Nutt *                                               | Wind River                                                                                         | July      |
| 90 | <u>O. Lamberti</u> , Ph                                                  | "                                                                                                  | "         |
| 91 | <u>O. nana</u> , Nutt                                                    | Yellowstone                                                                                        | Aug       |
| 92 | <u>O. lagopus</u> Nutt                                                   | Pacific S/W                                                                                        | June      |

South by C. name Oxytropis nov. Let them go.

5  
List continued

| No  | name                                                                                  | Locality                 | Remarks     |
|-----|---------------------------------------------------------------------------------------|--------------------------|-------------|
| 93  | <i>Spiraea betulacifolia</i>                                                          | Yellowstone              | Aug         |
| 94  | <i>S. caespitosa</i> Nutt                                                             | hot creek                | July        |
| 95  | <i>Purshia tridentata</i>                                                             | Pacific Sp               | June        |
| 96  | <i>Ivesia Jordani</i> Gray                                                            | Stinking water           | Sept !! Aug |
| 97  | <i>Potentilla Plattenis</i>                                                           | "                        | "           |
| 98  | <i>Parnassia fimbriata</i>                                                            |                          |             |
| 99  | <i>Heuchera cylindrica</i>                                                            | Stinking water           | Aug         |
| 100 | <i>Saxifraga Jamesii</i>                                                              | hot creek                | Sept July   |
| 101 | <i>S. <del>descendens</del></i> <i>debilis</i>                                        | England, see your id 107 | (1861)      |
| 102 | <i>Mitella trifida</i>                                                                | Stinking water           | Aug         |
| 103 | <i>Telima tenella</i>                                                                 | Sweet water              | June        |
| 104 | <i>Ribes cereum</i>                                                                   | Sweet water              | June        |
| 105 | <i>R. lacustre</i> L                                                                  | Yellowstone              | Aug         |
| 106 | <i>R. setosum</i> , Gray                                                              | "                        | "           |
| 107 | <i>R. leptanthum</i> Gray                                                             | Wind River               | July        |
| 108 | <i>R. viscosum</i> <sup>var</sup>                                                     | Yellowstone              | Aug         |
| 109 | <i>R. bracteatum</i>                                                                  | Wind River               | July        |
| 110 | <i>Epilobium <del>affratense</del></i> <sup>var, it is your id 120 (affratense)</sup> | Stinking water           | Aug         |
| 111 | <i>Oenothera Andina</i>                                                               | Green River              | June        |
| 112 | <i>O. scapidea</i> Nutt                                                               | "                        | "           |
| 113 | <i>O. breviflora</i> ?                                                                | Stinking water           | July        |

| No  | Name                                                                                                         | Locality                    | Remarks        |
|-----|--------------------------------------------------------------------------------------------------------------|-----------------------------|----------------|
| 114 | <i>Pentstemon carnosus</i> Nutt                                                                              | Green River                 | June           |
| 115 | <i>Zauschneria</i> <del>Scilla</del> <sup>var. <i>Wendlandii</i> Nutt</sup>                                  | Shrubby water               | Aug            |
| 116 | <i>Bupleurium ranunculoides</i>                                                                              | Wind River & Yellow Stone   | 399 W. 1000 ft |
| 117 | <i>Cymopterus montanus</i>                                                                                   | Green River                 | June           |
| 118 | <i>Carum ferdinandi</i>                                                                                      | Yellow Stone &c             | July & Aug     |
| 119 | <i>Sanicula laevigata</i> ?                                                                                  | Yellowstone falls           | Aug            |
| 120 | <i>Cymopterus</i> <del>var. <i>laevigata</i></del> <sup>several <i>laevigata</i> var. <i>laevigata</i></sup> | Shrubby water               | Sept           |
| 121 | <i>Ligusticum Scaphium</i> Nutt                                                                              | Yellowstone                 | Aug            |
| 122 | <i>Cymopterus amplexicaulis</i> var. <i>laevigata</i>                                                        | Wind River & Bull Creek     |                |
| 123 | <i>Cymopterus Tenellus</i> fr.                                                                               | Green River                 | June           |
| 124 | <i>Valeriana dioica</i>                                                                                      | Shrubby water               | Aug            |
| 125 | <i>Kelloggia galeoides</i> T. !                                                                              | Shrubby water               | Aug            |
| 126 | <i>Aster Parryi</i> n. sp.                                                                                   | Green River                 | June           |
| 127 | <i>A. Haydeni</i> Porter                                                                                     | Yellowstone                 | It is just by  |
| 128 | <i>A. adscendens</i> var.                                                                                    | "                           | "              |
| 129 | <i>A. Montanus</i>                                                                                           | Snow Divide                 | Sept           |
| 130 | <i>A. conspicuus</i> Lindl.                                                                                  | Yellowstone                 | Aug            |
| 131 | <i>A. integrifolius</i> ?                                                                                    | The animal Yellowstone park | specimens      |
| 132 | <i>Macrorrhynchos canescens</i> var.                                                                         | Yellowstone                 | Aug            |
| 133 | <i>Diphysa</i> <i>Aster elegans</i> Nutt                                                                     | "                           | "              |
| 134 | <i>D. Aster</i> <i>fragrans</i> Nutt                                                                         | "                           | fl white       |
| 135 | <i>Origanum onites</i> Nutt                                                                                  | "                           | fl blue & pink |



| No                                                               | Name                         | Locality                                            | Remarks        |
|------------------------------------------------------------------|------------------------------|-----------------------------------------------------|----------------|
| 136                                                              | <i>Erigeron compositus</i>   | Green River                                         | xx xx xx       |
| 137                                                              | <i>E. radiceatus</i>         | X Wind River                                        | probably July  |
| 138                                                              | <i>E. " "</i>                | var ? var. of 137                                   | "              |
| 139                                                              | <i>E. encrinurus</i>         | ' canescens Hook.                                   | "              |
| 140                                                              | <i>E. cinerium</i>           | fide Gray Green River                               | June           |
| 141                                                              | <i>Solidago virgaurea</i>    | Yellowstone                                         | Aug            |
| 142                                                              | <i>Townsendia spathulata</i> | Hook Wind River                                     | July           |
| 143                                                              | <i>T. angustata</i>          | just Marshall's                                     | "              |
| 144                                                              | <i>Townsendia scapigera</i>  | Wind River                                          | fl bright blue |
| I take it to be <i>T. grandiflora</i> Nutt. not <i>scapigera</i> |                              |                                                     |                |
| * 145                                                            | <i>T. geminata</i>           | var. Hooker's water                                 | fl pale pink   |
| is it not a var. of 142?                                         |                              |                                                     |                |
| 146                                                              | <i>Chaenactis</i>            | <del><i>sp.</i></del> <i>aculeolata</i> Green River | June           |
| 147                                                              | <i>Chrysopsis hispida</i>    | Hooker's Yellowstone                                | Aug            |
| 148                                                              | <i>Bahia leucophylla</i>     | dc " "                                              | "              |
| 149                                                              | <i>Phacelia imbricata</i>    | = <i>imbricata</i> Nutt 255                         | "              |
| 150                                                              | <i>Hulsea</i>                | say <i>denudata</i> sp X Wind River                 | July           |
| 151                                                              | <i>Pinellia squarrosa</i>    | var. small Green                                    | Sept           |
| 152                                                              | <i>Rhabdium occidentale</i>  | Snake River                                         | "              |
| 153                                                              | <i>Arnica angustifolia</i>   | var. 152 thought a new sp! Yellowstone              | Aug            |
| 154                                                              | <i>A. angustifolia</i>       | var. X <i>A. alpina</i>                             | "              |
| 155                                                              | <i>A. "</i>                  | var. of 154 It Stambaugh                            | June           |
| 156                                                              | <i>A. longifolia</i>         | var. 153 Snake Pass apparently <i>A. chamensis</i>  | Sept           |
| 157                                                              | <i>Actinella acaulis</i>     | Stinking water                                      | July           |

| No  | Name                                              | Locality                                                                           | Remarks     |
|-----|---------------------------------------------------|------------------------------------------------------------------------------------|-------------|
| 158 | <i>Actinella grandiflora</i>                      | Wind River                                                                         | sub alpine! |
| 159 | <i>Cosmicium gracile</i>                          | Green River                                                                        | June        |
| 160 | <i>Tetradymia canescens</i>                       | <sup>ing. <i>Thulespume gracilis</i> Torr. - a cross-bred form.</sup><br>Blk creek | July        |
| 161 | <i>Aplopappus suffruticosus</i>                   | Jellinstone                                                                        | Aug         |
| 162 | <i>A. stenotus acanthis</i>                       | Green River & north branch                                                         | ?           |
| 163 | <i>A. Nuttallii</i>                               | Wind River                                                                         | July        |
| 164 | <i>A. (Stenotus) multicaulis</i>                  | <sup>(Stenotus multicaulis Nutt.)</sup><br>"                                       | July        |
| 165 | <i>Balsamorhiza Hookeri</i>                       | Pacific. 1/2                                                                       | June        |
| 166 | <i>B. sagittata</i>                               | <sup>the B. canescens form</sup><br>Wind River                                     | July        |
| 167 | <i>Senecio amplifolius</i>                        | <sup>var. <i>canadensis</i> Gray</sup><br>Jellinstone                              | Aug         |
| 168 | <i>S. <del>frumentis</del> var. <u>dwarf</u>?</i> | Stinking water                                                                     | sub alpine  |
| 169 | <i>S. canas</i>                                   | Jellinstone                                                                        | Aug         |
| 170 | <i>S. <del>seneca</del> andinus</i>               | Nutt. "                                                                            | "           |
| 171 | <i>S. lugens</i>                                  | "                                                                                  | "           |
| 172 | <i>Antennaria dimorpha</i>                        | Green River                                                                        | June        |
| 173 | <i>A. dioica</i> L                                | Blk creek                                                                          | July        |
| 174 | <i>A. laricina</i> var. <u>dwarf</u>              | Stinking water                                                                     | July        |
| 175 | <i>A. alpina</i> ♂, peculiar form.                | "                                                                                  | "           |
| 176 | <i>A. Carpathica</i>                              | Wind River                                                                         | July        |
| 177 | <i>A. racemosa</i> Hook                           | Stinking water, <u>Nice</u>                                                        | July        |
| 178 | <i>Tanacetum capitatum</i> Nutt!                  | Blk creek                                                                          | July        |
| 179 | <i>T. Nuttallii</i> T & G                         | Green River                                                                        | June        |
| 180 | <i>Artemisia pedatifida</i> Nutt.                 | "                                                                                  | "           |
| 181 | <i>A. spinescens</i> DC.                          | "                                                                                  | "           |

| No                                                                         | name                                                                                                                                                                                                        | locality       | Remarks    |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|
| 182                                                                        | <i>Artemisia incompta</i> , <sup>mult</sup> <del>but</del> <sup>and</sup> <del>red</del> <sup>red</sup> <del>dis</del> <sup>dis</sup> <del>am</del> <sup>am</sup> <del>!</del> <sup>!</sup> <del>July</del> |                |            |
| 183                                                                        | <i>A. Sepulorum</i>                                                                                                                                                                                         | Yellowstone    | Aug        |
| 184                                                                        | <i>A. ludoviciana</i> , var. - <sup>quar</sup>                                                                                                                                                              |                | "          |
| 185                                                                        | <i>Troxium parviflorum</i>                                                                                                                                                                                  | from River     | June       |
| 186                                                                        | <i>T. glaucum</i> , var. ? I think.                                                                                                                                                                         |                | "          |
| 187                                                                        | <i>T. alternans</i> , var. ? I think.                                                                                                                                                                       |                | "          |
| 188                                                                        | <i>Thuracium &amp; Couleri</i>                                                                                                                                                                              | Yellowstone    | Aug        |
| 189                                                                        | <i>Stephanomeria pinnatifida</i>                                                                                                                                                                            | Stinking water | July       |
| 190                                                                        | <i>Crepis acuminata</i>                                                                                                                                                                                     | Wind River     | "          |
| 191                                                                        | <i>C. "occidentalis"</i> what you said has no number, + is very small. It is not <i>Crepis nana</i> !                                                                                                       |                | "          |
| Sec of <i>Compositae</i>                                                   |                                                                                                                                                                                                             |                |            |
| 192                                                                        | <i>Porterella carnulosa</i> Torr                                                                                                                                                                            | Yellowstone    | Aug        |
| 193                                                                        | <i>Bryanthus Eupetriiformis</i> !                                                                                                                                                                           | Stinking water | "          |
| 194                                                                        | <i>Ledum glandulosum</i>                                                                                                                                                                                    | Yellowstone    | "          |
| 195                                                                        | <i>Gaultheria myrsinites</i>                                                                                                                                                                                | "              | fr. red. " |
| 196                                                                        | <i>Mnidosia hypophylla</i>                                                                                                                                                                                  | "              | "          |
| 197                                                                        | <i>Vaccinium Lonicera coccinea</i>                                                                                                                                                                          | "              | "          |
| 198                                                                        | <i>Pyrola dentata</i>                                                                                                                                                                                       | "              | "          |
| 199                                                                        | <i>Dodecatheon meadia</i>                                                                                                                                                                                   | Wind River     | July       |
| 200                                                                        | <i>Androsace filiformis</i> L ?                                                                                                                                                                             | Yellowstone    | Aug        |
| 201                                                                        | <i>A. Chamassum</i>                                                                                                                                                                                         | but creek      | July       |
| 202                                                                        | <i>Aphyllon luteum</i> n. sp.                                                                                                                                                                               | but creek      | Aug        |
| But call it <i>Androsace</i> (Aphyllon) <sup>see if you find flowers</sup> |                                                                                                                                                                                                             |                |            |



| No  | Name                                                 | Locality                          | Remarks                    |
|-----|------------------------------------------------------|-----------------------------------|----------------------------|
| 203 | <i>Aphyllae fasciculatum</i>                         | bol creek                         | July                       |
| 204 | <i>Pentstemon Menziesii</i>                          | Stinking water                    | Aug                        |
| 205 | <i>P. Menziesii</i>                                  | ? var. Inlet Pass                 | Sept.                      |
| 206 | <i>P. lanicifolius</i>                               | bol creek                         | July                       |
| 207 | <i>P. Deustus</i>                                    | Stinking water                    | "                          |
| 208 | <i>P. gracilis</i> Nutt.                             | Smith Pass                        | June                       |
| 209 | <i>P. secundiflorus</i> Nutt.                        | Yellowstone                       | Aug                        |
| 210 | <i>P. humilis</i>                                    | Smith Pass                        | June                       |
| 211 | <i>P. glaucus</i> Graham                             | Stinking water                    | July                       |
| 212 | <i>Mirabilis Lewisii</i> ?                           | Yellowstone                       | Aug                        |
| 213 | <i>M. moschatus</i> ?                                | Stinking water                    | July                       |
| 214 | <i>Lunaria Fremontii</i>                             | Glyser basin                      | Aug                        |
| 215 | <i>Pedicularis caerulea</i> ?                        | Yellowstone                       | Aug. the most common parky |
| 216 | <i>Castilleja breviflora</i> ?                       | Stinking water                    | July                       |
| 217 | <i>C. flava</i> Watson                               |                                   |                            |
| 218 | <i>Orthocarpus Parryi</i> n. sp.                     | var near O. pat-                  |                            |
| 219 | <i>C. affinis</i> Benth. var. <i>minuta</i> Nebraska |                                   |                            |
| 220 | <i>Ichneumon affinis</i> ?                           | Yellowstone                       | Aug                        |
| 221 | <i>E. var. q 220</i>                                 |                                   | "                          |
| 222 | <i>Alzoster, Alzoster</i> L                          | Stinking water                    | July                       |
| 223 | <i>M.</i>                                            | var ? Perhaps                     | "                          |
| 224 | <i>M.</i>                                            | ? Perhaps. Can't name them things |                            |

| No  | Name                                                                | Locality          | Remarks |
|-----|---------------------------------------------------------------------|-------------------|---------|
| 225 | <i>Eriogonum villosum</i> var. <i>arctoides</i>                     | Wind River        |         |
| 226 | <i>Mertensia alpina</i> var.                                        | Stinking water    | July    |
| 227 | <i>M. alpina</i> var. ?                                             | "                 | "       |
| 228 | <i>Eriogonum glomeratum</i> var.                                    | Green River       | June    |
| 229 | <i>Phacelia</i> <del>var. q 229</del>                               | Stinking water    | July    |
| 230 | <i>Phlox bryoides</i> Nutt.                                         | Pacific Sh        | June    |
| 231 | <i>P. canescens</i> Nutt.                                           | Green River       | "       |
| 232 | <i>P. Douglasii</i> Hook                                            | bol creek         | July    |
| 233 | <i>P. longifolia</i>                                                | Green River       | June    |
| 234 | <i>filia pharnaceoides</i> from a bottle                            |                   | "       |
| 235 | <i>f. undicaulis</i> Gray                                           | Wind River        | July    |
| 236 | <i>f. pungens</i> var.                                              | Green River       | June    |
| 237 | <i>f. menziesiana</i>                                               | "                 | "       |
| 238 | <i>f. cingula</i> Benth.                                            | "                 | "       |
| 239 | <i>f. spicata</i> Nutt.                                             | "                 | "       |
| 240 | <i>f. Breweri</i> Gray                                              | Dry sandy         | "       |
| 241 | <i>Colomia gracilis</i> var. ?                                      | Green River       | "       |
| 242 | <i>Polemonium confertum</i>                                         | Wind River        | July    |
| 243 | <i>P. parvifolium</i> Nutt. - small-fl. var. of <i>P. menziesii</i> | Stinking water    | July    |
| 244 | <i>Swertia perennis</i> L                                           | Falls Yellowstone | Aug     |
| 245 | <i>Gentiana deboussa</i>                                            | "                 | "       |
| 246 | <i>Asclepias brachystephana</i> Torr                                | Green River       | June    |
| 247 | <i>Acerates viridiflora</i>                                         | bol creek         | July    |

the var. q 14, *G. parviflora*, is not sent again now!

0 = *Polygonum tenue*, var. *latifolium*, & Watson

| No  | Name                                                                                                     | Locality              | Remarks     |
|-----|----------------------------------------------------------------------------------------------------------|-----------------------|-------------|
| 248 | <i>Polygonum imbricatum</i> Nutt.                                                                        | Stinking water        | July        |
| 249 | <i>Rumex</i> <del><i>longifolia</i></del> <sup><i>parvifolia</i></sup> Nutt. & Watson                    |                       | June        |
| 250 | <i>Eriogonum flavum</i> Nutt.                                                                            | Owl Creek             | July        |
| 251 | <i>E. brevicaulis</i> Nutt.                                                                              | Wind River            | July & Sept |
| 252 | <i>E. ovalifolium</i> Nutt.                                                                              | Green River           | June        |
| 253 | <i>Oxytheca dendroidea</i> Nutt.                                                                         | "                     | "           |
| 254 | <i>Paronychia somniflora</i> Nutt.                                                                       | Wind River            | July        |
| 255 | <i>Shepherdia argentea</i> Nutt.                                                                         | "                     | fr. Sept.   |
| 256 | <i>Ilex argentea</i> Nutt.                                                                               | "                     | " "         |
| 257 | <i>Comandra pallida</i>                                                                                  | "                     | July        |
| 258 | <i>Endolepis Suckleyi</i> = <del><i>Amplex. Endolepis</i></del> <sup><i>Amplex. Suckleyi</i></sup> Nutt. | Stinking water        | July        |
| 259 | <i>Grayia polygloides</i>                                                                                | Green River           | June        |
| 260 | <i>Kochia prostrata</i> = <i>K. americana</i> (L.) Nutt.                                                 |                       | Sept        |
| 261 | <i>Amplex. depressa</i> Nutt.                                                                            |                       | June        |
| 261 | <i>Amplex. canescens</i> Watson                                                                          | "                     | "           |
| 262 | <i>Betula occidentalis</i>                                                                               | "                     | "           |
| 263 | <i>Salix</i> (Oak Park)                                                                                  | Wind River            | July        |
| 264 | <i>Juniperus</i> = <i>Sabina</i> var. <i>prostrata</i>                                                   | Owl Creek             | prostrata   |
| 265 | <i>Calochortus</i> <sup><i>elymagnus</i></sup> <del><i>stictolobus</i></del> Watson                      | Yellowstone           | Sept        |
| 266 | <i>Fritillaria atropurpurea</i>                                                                          | Wind River            | July        |
| 267 | <i>F. pudica</i>                                                                                         | Yellowstone           | fr. July    |
| 268 | <i>Spiranthes Romanoffii</i>                                                                             | "                     | "           |
| 269 | <i>Allium brevistylum</i> Nutt.                                                                          | "                     | "           |
| 270 | <i>A. =</i> <del><i>oblongum</i></del>                                                                   | "                     | "           |
| 271 | <i>A. =</i> 270                                                                                          | Wind River            | July        |
| 272 | <i>A. =</i> 274                                                                                          | Sweet water           | June        |
| 273 | <i>A. =</i> <del><i>oblongum</i></del>                                                                   | Owl Creek             | July        |
| 274 | <i>A. =</i> <del><i>oblongum</i></del>                                                                   | Green River           | June        |
| 275 | <i>Puncus mitchellianus</i> (or <i>xiphioides</i> )                                                      | Yellowstone, for Oct. | July        |



| No  | Name                                     | Locality                   | Remarks  |
|-----|------------------------------------------|----------------------------|----------|
| 276 | <i>Carex Douglasii</i>                   | Ft. Bridger                | June     |
| 277 | C.                                       |                            |          |
| 278 | C.                                       |                            |          |
| 279 | C.                                       |                            |          |
| 280 | C.                                       |                            |          |
| 281 | C.                                       |                            |          |
| 282 | C.                                       |                            |          |
| 283 | C.                                       |                            |          |
| 284 | C.                                       |                            |          |
| 285 | C.                                       |                            |          |
| 286 | C.                                       |                            |          |
| 287 | C.                                       |                            |          |
| 288 | <i>Eriophorum polyphyllum</i>            | Yellowstone                | Aug      |
| 289 | <i>Koeleria cristata</i>                 | "                          | "        |
| 290 | <i>Poa</i>                               | Sand to Thunders if        | "        |
| 291 | <i>Taraxacum vulgare</i>                 | "                          | new name |
| 292 | <i>Agrostis scabra</i>                   | "                          | "        |
| 293 | <i>Trisetum</i>                          | "                          | "        |
| 294 | <i>Poa <del>diversa</del> tenuifolia</i> | "                          | "        |
| 295 | <i>Metelica bulbosa</i>                  | "                          | "        |
| 296 | <i>Panicum virgatum</i>                  | Shaking water              |          |
| 297 | <i>Elymus condensatus</i>                | Common coarse bottom grass |          |



| No  | name                           | locality    | Remarks |
|-----|--------------------------------|-------------|---------|
| 298 | <i>Poa andina</i> ?            | Yellowstone | 2       |
| 299 | <i>Trisetum asperifolium</i> ? | Yellowstone | 7       |
| 300 | <i>Helianthus laevis</i> ?     | Yellowstone | 4       |

### Felices

|     |                                    |                     |      |
|-----|------------------------------------|---------------------|------|
| 301 | <i>Cheilanthes lanuginosa</i>      | Bob Creek           | July |
| 302 | <i>Cystopteris fragilis</i>        | Falls Yellowstone   | July |
| 303 | <i>Woodsia sepulchralis</i> DC     | "                   | "    |
| 304 | <i>W. bregana</i> DC               | "                   | "    |
| 305 | <i>Pityrogramma lanuginosa</i>     | "                   | "    |
| 306 | <i>P. simplex</i>                  | 1 mile west of Lake | "    |
| 307 | <i>Loxia Parryi</i> n sp Regel mss | "                   | "    |

Olney's Determinations of  
Carex. 1873

No 276 Carex Douglasii Boott

+ " 277 C. Haydenii Gray

" 278 C. vitilis F. forma pallida Boott

" " 279 C. aquatilis Wake var ?

+ " 280 C. rigida Good. var

" " 281 C. media Boott

" 282 C. festiva, Gray

" " 283 C. Douglasii Boott = C. Nuttallii Gray

+ " " 284 C. tenuirostris, Olney n sp

" 285 C. vulgaris

" " 286 C. Jamesii Torr. var Nebraskensis

+ " 287 C. leporina L

" + indicates of general interest. Olney.

Davenport July 5<sup>th</sup> 1874

My Dear Dr. Gray.

I get your postal card  
of July 31<sup>st</sup>. Before this I expected to  
get some matter for Appendix from  
Dr Engelmann but it does not come.  
I enclose something received from C. H. Peck  
some time ago.

Perhaps it will be as well to postpone  
the appendix to a separate number &  
get everything made up, as you think  
best. There will be hardly time to do  
it up properly for March No. at the  
close of my 3<sup>d</sup> article a note may be  
added to say that the appendix will appear  
in next No.

If you have not yet made up the  
parcel to send, i.e. microscope & 2<sup>d</sup> C.,  
could you add to it to make up a  
snug express parcel 25-30 lbs of



Hand. pressing paper. a parcel of 30  
pounds costs not more than one of 10.  
I shall want to start for St George  
near 1st April, will go via Denver.  
& return to Colorado in Sept. to do  
some more collecting for Backlund  
Conifer seeds &c &c so that I  
am likely to have a busy season.

Yours truly

C. P. Perry

Beverly Hills 7<sup>th</sup> 1874

My Dear Dr Gray

Here is Engelmann's  
paper on *Isotles*, including the  
you want. I suppose it  
may as well all go in to the  
appendix. Especially if we make  
a separate article. Correct your  
No 307 to correspond, also the  
name (in proof) to my article.

In case you decide to postpone  
appending. Please let our names be  
incl. so it can be made  
as complete as possible.

I don't know whether Gray will  
give his ined description.

*Carex Fennensis*, No 284.

I asked him to do so.

Yours  
J. G. Freeman

Dr Gray

Davenport Iowa March 9<sup>th</sup>/74

My Dear br-frag,

Glad to hear that "the affair" has gone to the printer. I wish I could see a proof before leaving to know what have been the final determinations, so as to fill up my list in Capt Jones's Report. I fear there will hardly be time now as I expect to start by 16<sup>th</sup> at latest. Perhaps I can arrange to have the blanks filled by having you send the names corresponding to the wanting to to Capt Jones, will see about it, before leaving.

I shall go via Denver to Salt Lake, and if no hindrance push for St George & do what I can in the valleys & desert districts before leaving. Mr. I shall go alone. Young Putnam is quite down with repeated hemorrhages, and his case seems very doubtful. Though his parents still hope for his recovery & that he can join me later in the season. It is a great disappointment to the poor boy.



I have sent on, for May No Am. Nat.  
a paper in a style of portable Herb cases  
such as I have had made here, and like them  
very much. (See cut enclosed). It is I think  
substantially like those in British Museum,  
only the cases are double and less costly, with  
hard wood facings. They cost me here \$6.50 per case  
less by dozen. The idea is to combine  
portability with convenience & neatness & so on,  
especially adapted to local collections or amateur  
uses, but of course can be applied to large herbaria.  
The main feature is having all flush & smooth  
outside and in, the doors attached to the sides  
on a bevel, to swing clear back, and without  
interfering when set close side by side, with no  
sharp angles in drawing out papers. I should think  
a set of these (10 or more) would be of use to  
one in sorting up, or naming separate collections.  
Its main use would be in preserving separate collections  
such as that of Prof. Shat. But you will see  
my paper. Write to me at least to St. Louis  
when I shall be due last of the month. anything  
you feel like will be interesting. Yours &c C. C. Parry

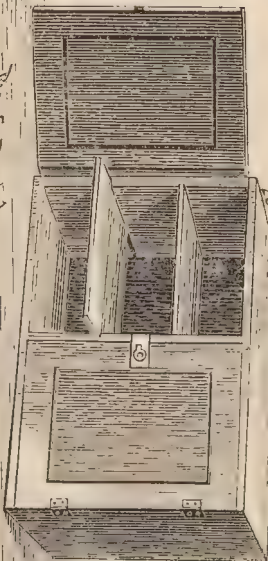
A young gardener here has  
promised to collect some  
seeds of Mertensia Virginica  
& Lithospermum fruticum  
for Backhouse to be  
sent to you. I will pay  
him for labor &c and you  
can charge express to Backhouse.  
My root of Primula Parryi  
is growing fine (in a pot).  
I guess it a dressing of  
dung occasionally & expose  
it at temperature above freezing.  
It is nearly ready to send  
as a fl. stalk.

~~1251 211~~  
~~641 911~~  
~~841 211~~  
~~141 011~~  
~~941 211~~



all glass

Rice Sec. Table No.



20 1/2 in

30 in

20 in

Draw in  
beveled edge



I am quite comfortably fixed. have a study  
room & book in the Museum Library, and an adjacent  
small boarding house near by. The Museum is  
inclined to be suspicious, but will get over that  
soon they find I am not going to trouble their  
work in chambers. I heard Brylson told of the  
to the gentleman he has now left for Salt Lake  
the day the water gushes.

I would you to look sharp for a new  
man from the country, as the (officer) is  
in the man himself. If the man is preoccupied  
you can give it one of your books.

Thamnia serotina is common here. I  
sent you a paper a fl. specimen to  
complete description, and latter collect aspe seco  
What I look for Engelmannia Prunus minutiflora &  
Larrea is abundant here & most of the desert  
scrub. I have seen Salicaria also. Dalea Johnsonii  
common and yet not. I fear know not distinct  
your Thamnia serotina. It is common to see her  
in a deep water bottom, after rain.  
The weather is only slightly pleasant to me now.  
We have thought some fruit fragments for some  
months. Now they think some from Alnus & Populus  
which is common here the Almond is

some near Boston. — — — — —



21 June 1891 -

My dear Mr. Garrison  
I have been thinking of you  
and of the cause you are so justly  
affectionately and so warmly engaged in  
and of the friends who are so  
generously supporting it. I hope you will  
be able to do more for the cause  
than you have done in the past  
and that you will be able to do  
more for the friends of the cause.

I have been thinking of you  
and of the cause you are so justly  
affectionately and so warmly engaged in  
and of the friends who are so  
generously supporting it. I hope you will  
be able to do more for the cause  
than you have done in the past  
and that you will be able to do  
more for the friends of the cause.  
I have been thinking of you  
and of the cause you are so justly  
affectionately and so warmly engaged in  
and of the friends who are so  
generously supporting it. I hope you will  
be able to do more for the cause  
than you have done in the past  
and that you will be able to do  
more for the friends of the cause.

I have been thinking of you  
and of the cause you are so justly  
affectionately and so warmly engaged in  
and of the friends who are so  
generously supporting it. I hope you will  
be able to do more for the cause  
than you have done in the past  
and that you will be able to do  
more for the friends of the cause.

Yours truly  
Wm. C. Lloyd





Mr. Allen has been collecting since the summer of 1875  
and has sent me from a large collection of  
plants. I cannot find it in my power to  
engage him to collect largely & send to you. From  
then acquainted with him have included Mr. Allen  
he is not much thought of being regarded in  
Western parlance "a billk" (ask Watson) & others  
in the same class to make anything to do with going  
into the matter has more. Still it is worth enough to  
think of when he can, especially in the Western  
region he seems to be located, he is said to be quite  
young and this winter was an object of Charing.

According to present appearances I shall bring up  
at Salt Lake about 1st August & before in which  
case I shall go on to Iowa with my collecting  
bag & not send for Buckham on return to  
Iowa. Early spring to collect seeds & plants  
among the houses will depend on the inducement  
I may have to stop in the way.

I have a few seeds from

them.

C. C. Parry.

Pl. & find a single tree of Perclemy & Melodora within  
a stone's throw of the Mormon Temple. Do not  
find a duplicate though I have traversed all the  
vicinity.



*[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]*

*Ozarkia longicauda*, Raf. *Syll. Tellur.* 132  
34 = *longicauda*

Stammesgeschichte der Vögel - 1. Teil

January 13, 1913

*Leucospiza nevadensis*, 128. 2. 6. 1911.

*Tamara Galleani*, 1961 = *T. ...*

Red. mis. & accumulation, 12)

*Acalan albicans*, Hag. New York 1.33.

Alabama Acacia, 35 = 2000 ft. from sea level. (2) (1961-1962)

June 20

position, 36

9. *unim. 26*

Alfreda Williams 26 September 1902

1. The first group of people who are not in the labor force are those who are not in the labor force because they are not in the labor force.

37

Abies, 500

11. 35

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

... 100

June 21, 1900

*[Faint, illegible handwritten notes]*

1. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Whaley (1987).

*Asclepias virginica* (L.) (milkweed) 1/4

boer's pass, 46

Quivira, Mo.

Yours truly, J. M. Smith

Caracina

received 1, 5

11/11/11

*[Faint handwritten notes]*

46. *Ch. lundbergi* = *paucicollis*

dehillinga mill. etc.

greatest, 11.4.71, 11.11.71

14. - 100

*[Faint handwritten notes at the bottom of the page]*

2021.01.10

multipl.

*Aemula obtusifolia*

La Cifra, 101

11. 11. 1911

\_\_\_\_\_

*A. laevis*, 3 /



St George Utah June 23. 1914

My Dear Mr. Gray I send by the mail a  
package containing 20 numbers of specimens

1. *Physalis* = *A. Fendleri*, var. *glabrescens* Wats.
2. *Physalis* ? = *P. Newberryi*
3. *Torilis* *hinge* ||
4. *Physalis* = *P. Newberryi*, Wats.
5. *Comp.* *Thelospora* *hinge* *over* *Wats.*
6. *Comp.* *Thelospora* *hinge* *over* *Wats.*
7. *Sida* *Rigida* *hinge* *over* *Wats.*
8. *Malacothrum* *hinge* *over* *Wats.*
9. *Cichorium* *Stephanomeria* *near* *Lactucaria*
10. *Malacothrum* *Celiferum* *hinge* *over* *Wats.*
11. *Phacelia* = *P. micrantha*
12. *P. crassifolia* ?
13. *P. brevistylis* = *P. crassifolia* ? of Mr. Thompson, & Bishop
14. *P.* *hinge* *over* *Wats.*
15. *P. Torilis* ||
16. *P.* = *P. rotundifolia*
17. *Emmenanthe* = *E. penduliflora*
18. *Silene* *Leptomeria* = *S. inconspicua*
19. *S.* *hinge* *over* *Wats.*
20. *Apocynum* *hinge* *over* *Wats.*

*Parictonia debilis*

From the garden to the garden the plants  
of the garden are in the garden. The  
new - *P. Torilis*. *P. crassifolia*.  
*P. Palmeri*. Seed of *P. Palmeri*.

The same day. — Today, then, I have  
been a walk (Northward) expect-  
ing to get back about Oct 20th. I have  
not yet decided if I will go. I shall  
not at present think I will be  
able to do so. I shall be sure to  
return to the house to complete collection  
of birds, as well as the Amphibia, then  
will be the same in Amphibia.

I have been picking up odds & ends  
since. The things left full material  
for Holmoea — in your paper. I  
collected a few Holmoea in the last  
year in the forest. Also a Loxocera  
Cuculide — I have found the petals  
taken in fall off in a day. with Massilia  
stomach. partly we can't make  
Embryon out of it.

I am well satisfied with my  
collection so far. very complete in the  
material and time. I expect to pick  
up some more things in the next few  
days. I shall be back at the end of  
month to Salt Lake up to Oct 10th. I  
to Sacramento.

Yours

C. C. Perry

Davenport Iowa Aug 7<sup>th</sup> / 1897

My Dear Sir, I arrived here in the morning  
of 4<sup>th</sup>. My collections have come through safe  
and are in excellent condition. I shall hardly have  
time to sort up under the numbers for final  
distribution, but will try & make out for you  
the Campanula & Baragrinus complete and  
forward numbers, and then uncertain a specially  
interesting thing, so that the whole can be  
promptly worked up on my return. I shall take  
some things to Engelman to work up  
old times at Emporia. The Arctostaphylos of  
which I enclose, mature seed & capsules, will  
set its character amended. I thought at first  
it would make a well marked 2<sup>d</sup> species.  
A. nidulosum, but the characters do not seem to  
vary materially from description & figure  
many capsule 4 valved rarely 5 - (6) valves  
at maturity separating 1/2 their length. plant less  
tender, white petals marcescent. It grows on  
shaly gypsiferous clay hills, in large bunches, with  
deep tap root. quite showy, must try & raise  
some seed. will send complete specimen now



I shall send in the lead for Backhouse  
as soon as I can get them ready  
to you to be forwarded, having no definite  
instructions to the contrary. You can run them  
over and pick out what you want for garden  
- I will send the list for Backhouse to you  
so that you can see what there is  
some very cheap things among them

expect to start back for Empire  
about 17<sup>th</sup> to stay till Oct

Yours truly  
CC Parry

Davenport Aug 13<sup>th</sup> /74

My Dear Mr Gray

By giving up all my time  
to the job. I have my collection ~~all~~  
sorted up and numbered, and a full set  
up to 263, sent you by express.

I have your parcel enclosed in the box  
with Backhuses seeds, and send  
herewith the list to be forwarded to  
Backhuse. You can run over the list  
& see what you may want to take out  
of the seed parcels. Then send in to  
Backhuse, sending the letter by mail  
your set of plants will open in regular  
order from 1 to 263, but you will need  
to look close for the printed number on  
slips, (rather too small) I keep a rough  
index list made in overhauling. We will  
need about 4-5000 labels in the usual  
style headed { Flora of Southern Utah }  
I shall have about 20 sets to dispose of  
numbering something over 200 sp. which will  
include all the choicer & desirable things  
in taking orders. also include 12 Wyoming sets  
at uniform price \$10.00 per

I should perhaps, ask more in view of  
unusual expense. but I only want to save  
myself. I have now despatched 4 sets, viz:  
Tony herb, McCracken, Redfield, McClellan  
Of the best things I may have several over  
the regular sets.

I expect to start for Colorado 17th inst  
& will go directly to Empire to join  
Engelman. write me there for any special  
information in reference to the plants  
I suppose it will be as well to write up  
another popular account for Naturalists and  
as soon as you can send me the list I  
can commence so as to get it out promptly  
including description as before in appendix  
would like Watson to go carefully over  
the Knottias which include some doubtful  
forms. The Chenopods (not collected largely)  
I suppose he can name at once  
I will write about seeds & plants for  
Saunders, from Colorado. but think my  
engagement with the Beckham will  
not allow me to do much

Yours

C.C. Parry



Empire city Col. Tenn Sept 6th/74

My Dear Dr Gray

I have been here now over 2 weeks  
& have commenced collecting, seeds. fresh hold  
off larger than usual. but I shall soon have to  
put into root digging. I have been on the range  
twice but it has been too stormy to collect  
much. In company with Dr. & wife & Mr Parry  
we made an unsuccessful attempt on Parry's  
Peak. were caught in a snow storm in Berthoud  
pass & had to beat a retreat on the way home  
Mrs E. had the misfortune to fall from her horse  
and strained her left hand is otherwise uninjured  
Fine fall weather has now set in and we still  
hope to make the peak. The accident to Mrs E.  
will delay their leaving for a week or more  
A wagon road is now in process of construction  
via Berthoud Pass to Middle Park. it is nearly  
finished to the pass, a log cabin will be built  
in the pass for the accommodation of travellers. so that  
Parry's peak can be easily reached. Dr E. keeps  
busy with pinus and with his singular taste for  
ugly spiny things has tackled Cercium. making  
sections & fresh drawings. he has sent you  
specimen of Pleurogyne (ramosissima)

I shall be anxious to get back to my Utah  
collection. please have about 5000 labels printed -  
headed { Flora of Southern Utah } perhaps we will  
          { No } to leave blank the  
          { Cole. CCA 1874 } lower line in 1000  
labels to answer for other collectors. Siller. Johnson &c  
I wish you could ~~also~~ against my return. procure  
a small dissecting microscope. I left the one you  
sent me with Mr Johnson at St George  
I shall be able to make up near 20 sets of  
Utah & Wyoming plants. ~~excluding~~ yours. 5 of these  
are already bespoken by S C Paton. Canby. Redfield.  
Torrey Hart Crocker. myself. So there will be  
about 12 more to be disposed of for which you  
may send names. at the usual price \$10. per C.  
I suppose they will go off quick enough, or a short  
notice in Nat or Silliman would help the matter  
I shall distribute as soon as I return. when you  
will have the labels all made up. Young Patnam  
is here with his mother but quite feeble & poor  
chance of recovery. Empress as quiet as usual  
Peck house rather on the wane. I wish you  
could have taken a good rest this season &  
been fresh for winter work. Tell Sargent. Conifer  
seed is plenty. Yours  
C.C. Parry

Denver. Col. Terr

Sept 26<sup>th</sup> 1874

My Dear Dr. Gray I have sent a box  
of plants for the B.A. garden directed to you  
by express as per receipt enclosed. It is  
rather miscellaneous in character, but such  
as I thought might be desirable. I have  
the seeds with me, which I shall take on  
to Durango. Sort up & send by mail.  
I have sent Backhouse plants direct,  
by express as directed by him.

No time just now to answer Mr. Sargent's  
inquiries. In the box are a few seedling  
specimens of Abies Engel. & A. Menziesii  
as reference samples. No two trees of the  
same genus can be more plainly distinguished  
when they grow - not as well in herb. and also  
not so easy to distinguish when young. But  
their specific character will soon show out.  
The glaucous bloom. is generally (not always?)  
characteristic of young A. Menziesii. which it  
loses with age - My seed of A. Engel.  
from Berthoud Pass elevation 11500 ft!!!



to Engelmann is now at Colorado Sp. will return  
here tomorrow & leave for St Louis (with us)  
on Tuesday. I expect to reach Liverpool  
on Thursday Oct 1<sup>st</sup> and then as soon as I  
get my goods off must work off the Utah  
collection. hope you will be able to furnish  
your determination soon. I suppose I will  
be as well to write up a series of articles  
or before for Min Nat. and a list with  
descriptions or notes in Appendix. I shall  
want as soon as you can send conveniently  
a Raspail or Shudrich B&H microscope  
I am sorry you had not made a small selection  
from Utah seeds sent to Backhouse. I do  
not know what I may have kept over, but  
will share with you whatever it is. The Mandshurin  
I look for Erionastrum? I have plenty of herb  
specimens, and I think a few seed perhaps also  
sent to B. under the above name. I can arrange  
to have it collected next year. It grows within  
the town limits of St. George. I found difficulty in  
collecting good seed of Cirsium. Either eaten by  
Frankipen or other vermin. As of many other  
common seeds. Please write at once to be  
and let me know of the safe arrival of Express  
box  
Yours truly  
C C Parry

Davenport Iowa

Nov 2<sup>d</sup> 1874

My Dear Dr Gray

Express parcel  
received. enclosed here with  
Postal order for \$8.00

I can make out a very  
good set of rarities for  
Paris after distributing sets  
I have now on hand a

disagreeable job of moving,  
but when moved shall have  
more convenience for working  
& inserting plants. &c After  
distributing Utah & Wyoming  
shall tackle my whole collection  
see what duplicates I may  
have and do some exchanging  
etc

I have sent in my Ut  
paper BA obs & Utah but not

to be published this January!  
in 3<sup>d</sup> No I want to include  
full list & descriptions, will  
write out in full for the  
printer as far as I can  
leaving blanks for you and  
Mason to fill up. If you  
can send me as fast as  
completed your final determining  
I can incorporate in the 1<sup>st</sup> draft  
and so leave less for you to do  
Dr Engelmann is up to his  
ears again in Med. & practice  
and small prospect of botanical  
leisure

Yours truly

C. C. Parry



Davenport Nov 27<sup>th</sup> 1874

My dear Mr. Fries

The *Lycium* 201. & 202.  
are clearly distinct.

No 201. A much smaller bush 2°-3°;  
narrow leaves & cordilla; bright red  
berries (specimens enclosed);  
flowers <sup>1<sup>st</sup> May</sup> 3 weeks earlier than 202.  
in fr while the other (202) is in fl  
grows on dry hill sides, a slender  
branching bush with a profusion of  
flowers quite handsome in fr.  
fruit ripe early in June.

No 202 A much larger bush 4°-6°  
broad leaves. larger fl. (latter part  
of May) blue berries (fide Johnson)  
not ripe when I left June 25<sup>th</sup>  
grows on dry alkaline bottoms  
hardy *L. Andersonii* ?

Lycium

A single very broad leaved species  
with a single withered fl, no fr,  
collected at Puni valley. is in the  
collection.

I call No 147. Eumaurus Bigelovii?  
you say in your list ? Fremontii?  
I shall get at my collection  
again next week has been  
scattered & boxed up for a month  
They will not print in Naturalist  
this July, No. but I have sent  
in manuscript for 3 No 2!  
Oryelmann - is lovely again  
will publish soon I hope.  
Backhouse was so pleased with  
this years collection that he sent  
~~£~~ 25 - more than our agreement &  
wants me to collect next year for  
\$ £ 150 -

Yours

For

I was not late enough for for 1  
C. C. Parry  
Symphoricarpos longiflorus must get it  
from Wharton next season it is common

Davenport Dec 12<sup>th</sup>/74

"Hugo station" is on the Big Sandy. 100 2  
miles East of Denver on K.P. R.R.  
more specimens of the Biglowia to  
span. it is plenty close to R.R.  
track. I have written to Johnson  
about Lycium. I will send you  
my single specimen. broad leaf

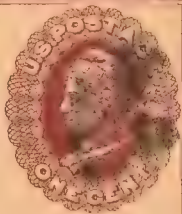
Yours, C.C. Parry



# United States

## POSTAL CARD

WRITE THE ADDRESS ONLY ON THIS SIDE-THE MESSAGE ON THE OTHER



To Prof Asa Gray

Cambridge

Mass

Savenport Iowa Dec 17<sup>th</sup>/74

My dear Dr. Gray, I send by this  
mail a small parcel of quadratics?  
as they have turned up in  
sorting the collection. Those with  
tickets will be in the distributed  
sets. Those with printed numbers  
are scant or hastily collected  
specimens from different  
localities. I also enclose  
without No. 2 specimens of  
the new? Bizetia. (also I  
think collected by Dr Engelmann  
which you may therefore call  
B. Engelmanni ) if it is going  
to stand as a sp.

No 6 I take to be from  
Calandrinia Nevadensis ??  
from Mts near Cedar city -  
The enclosed specimen of  
Lepidium Wrightii No 19 has

a little more hairy pods than  
the other specimens in coll  
Well of Montgelia usneae Pa.,  
must stand. I must alter  
the text of my paper in proof.  
I notice in Bot. Ines Rep  
pg 12. in quotation marks by  
Newbery, under Eucnide Barlowioides  
"Setae irritating the skin like  
nettles." This must be our plant  
which the locality would suit.  
Have you the original specimens?  
In point of fact nearly all  
the Montgelianae are stinging  
but it is only the mechanical  
irritation of the stiff brittle  
hairs. The circumscissile  
corolla suggested the name  
Coronata. You may if  
convenient retain the stiff  
pale band covers for another  
time. C.C. Parry



len branched. &c &c

Will pay an Shaw with distribution  
I hope to have as many  
specimens as possible in  
working up the list

Yours  
C. C. Parry

Ovenport Dec 25<sup>th</sup> 1874

My Dear or from "Merry Xmas"  
&c Thanks for your notes  
criticisms &c. I feel rather  
green in the matter of  
descriptions (Sempervirens !)

I did not quite like  
Shepherdia sempervirens  
suppose we say S. coriacea?  
, revoluta? Utahensis?  
which, ???

I do not quite see the point  
in your uncircumcising  
M. urens. It seems to be a  
constant and diagnostic character  
in the separation of the corolla  
& staminal crown. Hence  
my suggested name of Coronata  
the line of separation seems

sharply defined. See another specimen  
in parcel.

But now turn up another  
species. (Enclosed in parcel)  
— unfortunately a single specimen  
brought me by the mail rider  
from South of St Louis. If  
new I leave you characterize it  
and of course keep the typical  
specimen in the Herbar. It is  
very neat & the long appendages  
to the filaments afford a good  
distinguishing character. But you  
will work it up as it may be  
a Cal<sup>a</sup> species.

In the parcel I put several  
scant composites viz

No 16. — — — Cichnaea ?  
collected also by Palmer!

17. Malacothrix ? mixed with  
specimens of Raphanoglossa

No 15. Aplopappus ?

14. Petalostemon ?

13. fauva ?

12. Stellaria Jamesii ?

11. Conioselinum ?

from Colorado

10. Atriplex —

Eastern Colorado

Please name and where  
specimens are not wanted  
return. with the cover

The petals in M. urens are  
not "white" but pale cream color

I am not quite satisfied to  
call No 78 M. multiflora var  
it grows with the common form  
but is past flower, & goes  
to seed, when 76 is in flower  
petals narrower lanceolate much

Contents Box (1)

1<sup>st</sup> Pentstemon hirsutus

2<sup>nd</sup> Calachortus venustus (bulb)  
Gymnopus

Sedum rhodanthum

Trifolium Parryi

Talium pygmaeum 2<sup>nd</sup>

Claytonia megarhiza

Calypso borealis

Sentiana frigida

Pentstemon glaucus

Talium



# Contents Box 2 (Seeds)

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| - <i>Linum Berlandieri</i>      | - <i>Barbieria aquifolium</i>     |
| - <i>Aca glabrum</i>            | - <i>Geranium acuta</i>           |
| - <i>Jilca longiflora</i>       | - <i>Orthocarpus luteus</i>       |
| - <i>J. aggregata</i>           | - <i>Sedum stenoperatum</i>       |
| - <i>Pentstemon hamilis</i>     | - <i>Erigeron macranthem</i>      |
| - <i>P. acuminatus</i>          | - <i>Antennaria dioica</i>        |
| - <i>Anemone multifida</i>      | - <i>Aster adscendens</i>         |
| - <i>Phacelia sericea</i>       | - <i>Linosyris Parryi</i>         |
| - <i>Leum macrophyllum</i>      | - <i>Ornithoglossum marginata</i> |
| - <i>Polemonium coeruleum</i>   | - <i>Pentstemon glaber</i>        |
| - <i>Cardamine cordifolia</i>   | - <i>Dryas Arkanseana</i>         |
| - <i>Mertensia sibirica</i>     |                                   |
| - <i>Aquilegia canadensis</i>   |                                   |
| - <i>Ribes setosum</i>          |                                   |
| - <i>Ribes cereum</i>           |                                   |
| - <i>Lonicera involucrata</i>   |                                   |
| - <i>Arnica cordifolia</i>      |                                   |
| - <i>A. angustifolia</i>        |                                   |
| - <i>Aster glaucus</i>          |                                   |
| - <i>Aplepappus Parryi</i>      |                                   |
| - <i>Madrosonia sagittata</i>   |                                   |
| - <i>Actinella grandiflora</i>  |                                   |
| - <i>Macherauthus canescens</i> |                                   |
| - <i>M. tinacetifolia</i>       |                                   |
| - <i>Oxytropis splendens</i>    |                                   |
| - <i>O. deflexa</i>             |                                   |
| - <i>O. Lamberti</i>            |                                   |
| - <i>Thermopsis rhomboides</i>  |                                   |
| - <i>Tigellum Parryi</i>        |                                   |
| - <i>T. dasycarpum</i>          |                                   |
| - <i>Astragalus pictus</i>      |                                   |
| - <i>A. Drummondii</i>          |                                   |

(The seeds are laid)  
in the last box in the  
top.

~~Abies Engelmannii~~  
~~Pinus jeffreyi~~

\* Aquilegia canadensis —  
 \* Cleome integrifolia 1/2 y  
 \* Anemone multifida  
 \* Cardamine <sup>cordifolia</sup> ~~var. integrifolia~~ —  
 \* Trifolium Pongii —  
 + " doozyphyllum  
 \* Astragalus pictus  
 + " Drummondii  
 \* Oxytropis splendens  
 — " deflexa  
 + " Lambertii  
 \* Thermopsis rhomboides <sup>folia</sup>  
 — Linum "Merandieri" ?  
 — Acer glabrum <sup>mult. l. rigidum</sup>  
 \* Asplenium macrophyllum  
 \* Carex ~~canadensis~~ <sup>pumila</sup>  
 \* Ranunculus Americanus  
 \* Ribes scaberrimum  
 — Sedum spectabile  
 — Ribes cereum  
 \* Menyanthes rubra  
 \* Lonicera involucrata  
 \* Oenothera quercifolia  
 \* Aster ~~laevis~~ <sup>altissimus</sup>  
 — Aster glaucus  
 \* " <sup>ad</sup> ascendens  
 \* Silphium Pongii  
 \* Arnica angustifolia  
 \* " cordifolia  
 \* Actinella grandiflora  
 — Erigeron grandiflorus  
 ( \* Tricaria Hookeriana ) —  
 — Chaenactis achillaeifolia  
 — Erigeron macrophyllum  
 + Brickellia grandiflora  
 — Antennaria ~~diversa~~ Margaretacea var. alba

— Rubus Aquifolius  
 \* Empetrum asperum  
 var. Arkans.  
 \* Salix ~~aurum~~  
 \* Machaeranthera Canadensis  
 X " tonsurifolia  
 — Androsace sagittata  
 \* Senecio longilobus  
 X " cernuus  
 X " emophilus  
 — Othocarpus luteus  
 \* Mimulus Lewisii  
 \* Liacelia sinica  
 \* Lilia aggregata  
 X " longiflora  
 \* Polemonium <sup>var.</sup> canadense  
 — " confertum  
 \* Gentiana affinis  
 X " acuta  
 ( \* Asclepias auriculata )  
 + Monarda ~~discolor~~ <sup>discolor</sup>  
 \* Verbena Sibirica  
 \* Eritrichium glomerosum  
 — Euphorbia marginata  
 Pinus flexilis  
 " (Baltimoriana)  
 arbutata  
 Abies balsamea  
 " Douglasii  
 " Menziesii  
 + Primula Pongii  
 + Penstemon humilis  
 + " <sup>argyræus</sup>  
 " <sup>acuminatus</sup>  
 " <sup>graber</sup>



I did not send specimens  
of Astephanus or Euphorbia  
only tickets as you have them  
in your set. a small surplus  
set on hand.

Yours C. C. Parry

Davenport. Jan. 22<sup>d</sup> / 1875-

My dear Mr. Gray  
Yours of 17<sup>th</sup>  
just received. I write to  
catch you at Washington

I think you will find in  
Agr Dept herb. a pretty full  
set of Palmers Ulat  
Phacelia's that may perhaps  
help out the determination  
All the species seem quite  
distinct in the field. The color  
of fl when clear and well  
marked is not inclined to  
vary especially in 182, deep blue  
180, bright blue 176, light dull blue  
So I am sorry you had not  
taken seeds of all these. From  
the Backhouse collection as  
I intended and so did not save  
out



On account of being cut off  
from free travel this year  
on Kansas Pacific R.R.  
I now think I may push  
directly for Utah & work among  
the high Mts. etc. etc. etc.  
I shall be through the summer &  
then go down to the flange  
to winter (my wife joining me)  
then arrange for an early  
spring tour on the Lower Colorado  
Bill Williams etc. and work  
north as the season advances.  
If I can carry out this  
plan satisfactorily I think  
I can do up some pretty  
thorough work, and then  
perhaps quit?

I hope you will have a  
good time in W. and  
not get badly reconstructed

I suppose they will want  
manuscript for Utah book  
by latter part of July.

I have at last finished  
sorting up & ready to pack  
sets of Utah in Wyoming.  
I shall send a box to  
you, enclosing the foreign  
parcels. I have selected the  
1st set (fullest) for D.C.,  
lower set for Boissier &  
Maximowicz, will specify the  
items with the parcel. I  
have still to select from the  
surplus for Paris Museum.  
There will be a small set  
in the box for Olney, and  
perhaps will send Edition set  
to you. I have now but  
2 of the smallest sets left

Javapat Inwa

Jan 28<sup>th</sup> 1875-

My Dear Dr Gray

I suppose you  
are home again. yesterday I  
packed 2 suit boxes as per  
express receipt (Ch p<sup>d</sup>) containing  
parcel for D.C. another for  
Bourier & Maximilian. If  
you will be kind enough to see  
them safely packed to their  
destination. I want to realize  
from the D.C. \$54. = (the best  
set next to yours) Bourier \$30. =  
including a partial Myrmec set  
Max. \$20. = a fair average  
Ulrich Set (\$111. = in all)

The Paris Museum set is a  
choice selection containing about  
150 sp. most of the new or rarer  
ones. A Set enclosed for  
Ulrich which can be dropped in

Express. I have now only 2  
smaller sets left. to dispose of  
but some irregular duplicates.

I hear from Johnson who  
writes that I was mistaken  
in regard to the taller Lycium  
202. having ~~blue~~ berries? they  
are as yet suspected red but  
larger than 201. bitter & not  
edible (as 201). The species are  
sufficiently distinct with one 2  
this for character

Yours  
C. C. Parry



Davenport Iowa

Feb 11<sup>th</sup> 1875-

My Dear Dr Gray

I send you by mail  
parcel a numbered lot of my Mex Bdy  
Phacelias. as far as I have them.  
They are mostly from my trip through  
N. & Arizona in the Spring of 1852.  
The accompanying tickets will  
show date & locality. Please name  
as far as you can.

I want to go through filices also.  
I have a lot of Blunders with  
no. but no list to refer to  
- I am quite out of patience with  
the Naturalist folks for delay in  
printing - too much zoology. &c.  
Surely there should be a botanist  
near. competent to correct such  
blunders as in Palmer's notices...!!  
in Feb No.

Sory to hear that Washington are  
disagree with you. Better drop  
work & join me at foot of Mt. St. Helens  
next summer.

I expect to start for the East  
next month, return in May &  
then leave for Utah.

Engelmann is quiet lately I have  
asked him to look at Claytonia  
I am not satisfied to call  
No. 23 & 24 C. perfoliata var.

Yours

C. C. Parry

Davenport Iowa

Feb 25<sup>th</sup> 1875

My dear Mr. Gray

Postal card with  
the good news of Phacelia Dore!  
to hand. I enclose some nice ripe  
seed of 182. Try some in a box or  
pot in your dry conservatory using  
light clay loam strongly impregnated  
with gypsum no danger of using  
too much. The name is good,  
fl deep purple very variable in  
size.

No 185 Conanthera lortetii ! The fl  
dull red fading purple, occasional  
albinos. You must have this  
from other sources. Almendinger  
sent it in 1868. I sent seed  
to Backhouse under the name  
Nema Demissa !



I am now busy copying out my  
list leaving gaps when I cannot  
make out, but they will not  
be very many. I will redress  
them when I get through. in the  
mean time all you can furnish  
will be desirable to work on as  
complete as possible, and send  
you & Watson.

I am not very well satisfied  
with 23 & 24. (Claytonia). Engelman  
says he has no good material, could  
Watson find time to examine?

also 188 filia too good a sp  
to be left ??

255 Calochortus — ?

214 Atriplex Parryi ?

I expect to get through the list  
next week. How will Phacelia  
come out? no P. boerhaavia in  
the collection.

Jan 2

L.C. Parry

32. Polygala — ?  
= subopifera Watson ?

the Lower Colorado. & I have  
found the Lower Herb in a  
very unsatisfactory condition. It  
conveniences for study, and I  
was there three times in vain,  
except to find it locked up.  
To Ray not there!

There is some little discrepancy  
in my list as I noted when at  
Bettes No. 137. noted as Malacothrix  
Torreyi. answers better to M-  
Californica, and I find nothing answering  
to M. Torreyi. In Lower Herb is a  
specimen of Phacelia pulchella. under  
the miss' name of P. (Ceanothus) Palmeri.!!  
I wish you had quoted my numbers  
in your Hydroph. paper  
Sachs writes that he has sent me a  
Succulent sp. of Shepherdia robusta  
in good flowering condition. He will  
also make good specimen of  
Raphegium & send roots & slips  
to the same end.

Yours C.C. Parry

This was given me by Father expecting  
New Haven.  
May 1. 1875

Dear Dr. Gray

Dr Parry is here  
today, and expects to  
see you on Wednesday.

Will not you and Mrs  
Gray stop over at least  
a night with us on your  
way to Cambridge?

My wife is gone out  
this afternoon or she  
would send a special  
message to Mrs. Gray.

I have nothing of very  
special interest botanically  
to tempt you with, but  
I ~~would~~ be greatly pleased  
to have you stop with  
us.

Our neighbors the Hoppins,  
too, will be particularly  
delighted to meet you  
both.

With warmest regard

Yours

Daniel C. Eaton

Sandy Hill N.Y.  
May 10<sup>th</sup> 1875.

Dear Dr. Gray, When I saw your  
card that you would only have  
a spare half hour in N.Y. I concluded  
not worth while to break up another  
engagement to see you. I have  
since seen Thurber who gave  
your message. We may possibly  
accept your kind invitation &  
make a short visit at Cambridge,  
but not before latter part of the  
month, before returning west.  
From this place we go to Westford  
Conn. to visit Mrs P. relatives  
where you can address me after  
this week. My present plans are  
not materially changed. So out in  
June to the Catskill range in  
Utah. Then in the fall to S. L. Tenn.  
to winter. Early next spring to



Westford - Conn

May 23<sup>rd</sup> 1875-

Dear Mr Gray

I was detained at Sandy-Hill. a week longer than I expected. Illness & death of a younger sister. Did not reach here till yesterday. It is getting so late that I must shorten up visits. and if I come to you at all it must be for only a day or so early next week.

Under these circumstances it is not likely that Mr P will accompany me. and I shall leave Cambridge direct for the west, leaving Mr P. to finish out here visit here.

In regard to European sets of Utah plants I have no written men with me but remember. The three sets sent you to dispose of were as follows

over

De Candolle 1<sup>st</sup> set \$50.00  
Boissier \$30.00  
Maxon (less) \$20.00  
Total \$100.00

If you have received only from  
the two former. the amount should  
be \$80.00. It can wait till I  
come.

I shall have flowering specimens  
of Shepherdia rotundifolia from Siler  
on my return to Davenport. He  
writes he has sent "100 specimens"  
he has probably sent roots &  
cuttings to Sargent before now  
also of Peraphyllum.

I have not seen the list  
in My Naturalist. They have sent  
me extras to Davenport. when I  
get back I will return you 25 or  
more of the complete paper for Euro-  
pean to hear of the f. affliction

Mr P. Desmet regards

Yours C. C. Parry

Spring Lake. Utah Terr  
July 3<sup>d</sup> 1875-

My Dear Dr Gray

I have at last reached the expected field of my seasons work, and ready to take hold in earnest, I think the prospects are reasonably fair of doing at least something in the way of botanical discovery at least in the high Mt districts.

I have made one considerable climb, far enough to reach a snow bank, but the Mt flora is meagre compared with Colorado. Among other things I found the enclosed Viola growing where the snow has been lying deeply on loose soil in limestone ridges. The curious plicate leaves are

This is rather a pleasant locality we have our best quarters in an extensive fruit orchard, of harden, with bees loaded down with apricots & peaches. Apples & plums & cherries. Duncan Putnam is with me, but a mere week, passing rapidly through the early stages of acclimation.



very singular. before seeing it in  
flower I took it for seedling  
Phacelia circinnata. I have never noticed  
plant growing in the shade. having  
a more familiar look, with larger  
broader & smoother leaves. On exposed  
ridges it is a singularly neat  
pretty species, and would be nice  
in cultivation. If it should prove  
new. let me know and I will  
send more full material. and let  
you characterize it. Some other  
scraps I will enclose in a later  
parcel

I have made some enquiries as  
to the chances of securing Indian  
implements. Mound reliefs &c &c  
and may possibly be able to expend  
that \$100. - to some advantage. but  
for the present - would as soon the fund  
should stay in your hands. till I see  
what can be done

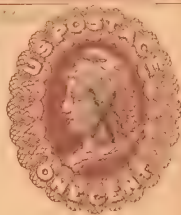
Please say to Mr Sargent  
that the Abies question for  
this season is easily, if not  
satisfactorily solved? Passing the  
other day through a forest of  
Abies concolor. not a single  
cone could be seen so that my  
surmises were correct that this  
would be the off year for  
conifers, at least as far as  
the Abies section is concerned  
I now feel some curiosity to  
settle whether (as I have some  
time suspected) the Abies grandis  
of the Cal<sup>a</sup> botanists is not our  
A. concolor, of the Wahsatch?  
I found here again. The true A. grandis  
of Colorado. but confined to the  
highest ridges. Please keep my  
pistes in botanical matters. to the  
above address

Yours C.C. Parry

Spring Lake Utah July 22<sup>d</sup>/75.  
I send. in "Bot garden" envelope. 2 roots  
of what is named, Echinosperrum  
deflexum Lehm var floribundum. It is  
quite different from the Colorado plant.  
has decumbent slender fl stems and is  
plainly perennial. I collected the same on  
the Yellowstone No 220-221. S Utah no 172  
Please examine, some quantities to send  
when I get more leisure yours C C R

# United States

## POSTAL CARD



WRITE THE ADDRESS ONLY ON THIS SIDE - THE MESSAGE ON THE OTHER

To Prof Asa Gray  
Cambridge  
Mass



Specimen sent to Eaton, besides  
then I find Pellaea Breweri Eat  
which I think Watson also got

We are now in the height of  
fruit season Amelanchier apples  
the hybrid plum cherry, raspberry &  
so on. The weather is fairly  
comfortable. Therm. ranging from  
85° to 60° day & night a  
few light showers much heavier  
in the Mts

On the whole I am rather  
disappointed in the Mt flora  
but conclude to stick it out till  
Oct & then put out for California  
I have written to Loomis. If  
I find some waste time I may  
write you a letter for publication  
in Summer Wandering in the Watsches

Yours C. C. Parry

Spring Lake, Utah  
July 27<sup>th</sup> 1875

My Dear Dr. Gray I am "pitching in"  
to the botany in a quiet way.  
found some new and more old  
things. I have a nice lot of  
Lupinus Stansburiana.

Tanacetum — — — same  
figured in Watson

Syntherisma pinnata

Munroa odoratissima.

so on. I am dabbling some in  
aquatics. finding several eastern  
plants not credited to this section  
Alisma, Myriophyllum, Sparanium  
Even the variable Joe Pie  
(Eup. purpureum) & Ascl. incarnata  
growing side by side with  
Epipactis grandiflora, such  
associations are interesting

I send (in Bot find envelope)  
a budded branch of Spirea cuneolata  
It seems to have fibrous roots on  
the lower side, and perhaps your  
gardener can induce it to strike  
root. It is quite impossible to  
get complete roots, without a ton  
a mass of adhering rock. I have  
sent similar shoots to Backhouse  
and tried to interest him in it  
shall get seed later.

I send off seed as collected direct  
to Backhouse. (under the new Postal law  
2 cts each 2 oz.) using printed No  
on the envelope and corresponding  
names by Postal card. One bad thing  
about the new law limits weight  
to  $8\frac{3}{4}$  oz which virtually cuts off  
roots. I find your strong envelopes  
quite useful. Please send money by  
mail on the parcel. (10 oz.)

enclosed stamp. I will return

same with seed &c

Say to Watson that his  
Ligusticum filicinum is common  
in the Mts here. will collect in the  
slates & give you a chance to grow  
it. Engelmann is after Erythraea  
(the one figured in W.) and he says  
wrongly referred to E. Nuttallii) it  
is abundant here varies greatly in  
size from 6' to 18". The missing  
link between Cercocarpus ledifolius  
& C. intricatus will be forthcoming  
I expect to make a trip back  
of the week to Salt Lake and on  
my return take a side shoot  
up American Fork Canyon. I  
am leaving Mt Nebo for August  
I was quite startled the other day  
in following up a snow slide  
to find a lush growth of a pinnate  
Aspidium. which if not  
A. Pochitii must be a sp. ??

I have the series of specimens  
complete between Cercocarpus ledifolius  
& C. intricatus Watson will  
send me when I make up a  
parcel

I recognize Pentstemon Kingii W.  
in my collection. grows with  
Ivesia fordii will get seed  
I hope to do something on  
the high slope of Mt. Nebo  
this month but otherwise I  
not expect much this season  
My harvest will be next  
year on East slope of Sierra  
Nevada & bloom valley.  
Keep writing if check

Yours C. C. Parry

Spring Lake. Utah  
Aug 4<sup>th</sup> 1875.

My Dear Dr. Gray:  
I have just  
got back from a trip to  
Salt-Lake. Had a nice time  
a swim in the Dead Sea.  
On my return I went up  
Arm Fork Cañon a wild  
rough country but inferior  
in botanical interest to  
Mt-Nebo. At Salt Lake  
I met Capt F. M. Bishop. The  
Bot. Collector in S. Utah. I  
am to meet him again &  
look over his collection.  
At the Utah Museum I found  
some scrappy plants sent by  
Wm. Johnson from Knappa



and get permission to pick  
out anything of interest. Of  
course I did not learn much  
among them is the enclosed Dalea  
which I hope will turn out  
D. Fremontii, a good fl  
specimen of Thlaspa Utahensis  
a nice Polygala. Some other  
things of which I will make  
out a mail parcel

At Salt Lake I got hold  
of a copy of Watson which  
helped me to straighten out  
some things. We will be glad  
to see nice fl specimens of  
his Lonicera Utahensis. which  
will require some slight  
correction of his description.  
but it is very near L. ciliata  
I shall get good seed  
glad to know Aspl. Beckwithii

I have good ripe fr of  
A. glareosus I ought to send  
I am now arranging to make  
a Camp near foot of Mt. Neb.  
where I shall put in most  
of my time till fresh  
Mr Greene who leaves Colorado  
for California next month I  
have invited to visit me here  
I hope he will come.

I shall soon have good seed  
of Psoralea from Siler  
I hope also for Symphoricarpos  
longiflorus from St George but  
I fear Mn. ptilas will miss  
again as the season was dry  
but I write for it & your  
locally - to a son of Mr. Thomson  
I see the Aspidium which  
excited me so is only a Laurichit  
which Watson got

Spring Lake, Utah  
Aug 24<sup>th</sup> 1875.

My Dear Dr Gray  
Just down from my  
Mt Camp for a few days. to pack  
seeds & eat fruit. &c &c

I have bought a small stock  
of Indian things. for the Ethnological  
Museum. mostly from a mound  
on the Sta Clara. Some of the pots  
are whole others badly broken but  
can be mainly reconstructed. I  
paid \$10. for the lot and there will  
be some extra charges. packing &c  
So please send me from Indian Goods  
Postal order on Gold Lake for \$15.-  
I will keep in hopes to get more &  
then pack. Directed to. Ethnological  
Museum Harvard University  
Cambridge Mass? or home  
I am about finishing up my  
collection of dried plants. Have  
been on the alpine slope of Mt. Noto

The most remarkable thing  
was to find great patches of  
Primula Parryi growing on a very  
rocky slope. It was already in  
seed and I secured some in hopes  
that the peculiar aspect may make  
a variety better suited to cultivation.  
I am now busied with seeds of  
which I send three by mail to  
Blackman. have a fine lot of  
Syntherisma pinnatifida & Monardella  
odoratissima. I shall be quite busy  
for the next month. when I hope  
to get through & off for California.  
Mr. P. joins me next week.  
I left Duncan Patnam in Camp  
the Mt location seems to agree  
with him. - Spirea cespitosa is  
new in the flora. what a charming  
thing

Yours &c

C.C. Parry



The benefit of University  
Library. would it be worth  
while for you to give me  
a letter to Pres<sup>d</sup> Le Conte?  
No letter would prove friendly  
as to whether he goes to  
Cal<sup>a</sup> this fall

Of course I shall be glad  
to see advanced sheets of  
Bot of California

Young Patman is older  
with me but quite poorly  
I doubt if he survives the  
coming winter

I find *Arceuthobium* here parasitic  
on *Abies Douglasii*. *A. grandis*  
& *A. concolor*!

Yours

C C Parry

Spring Lake Utah  
Sept 23<sup>d</sup> 1871-

My Dear Dr Parry

I am about  
finishing up my seasons work  
here. have concluded to leave  
for San Francisco on 4<sup>th</sup> prox<sup>o</sup>  
we now have forty nights  
& clear pleasant days  
fruit still abundant. Should  
you have occasion to write  
in answer to this address  
Salt Lake we stay there until  
one day after Oct 1<sup>st</sup> address  
San Francisco

I have concluded not to  
put up sets of plants this  
season. as the number of species  
is small. not over 100. and I  
think nothing quite new

So I shall have them all  
boxed & sent to Liverpool  
to wait my return. next fall  
I pick out a few sent by  
mail parcel to you, which may  
be of some interest or in regard  
to which I have some doubt  
The No used are only provisional  
Among them is an asserted  
series (No 6.) showing the gradation  
between Cercocarpus ledifolius Nutt  
& C. intricatus Watson they  
certainly run together.

I am sending Backhouse a  
large supply of Sparganium angustifolium  
As thanks he can manage it  
by making the branchlets shorter  
root. I still hope to send  
you an pen letter for publication  
"Summer botanizing in the  
Wahsatch"

I have boxed up what  
Indian things I have for  
Museum. but am not quite  
certain how to address them  
Dr Palmer now in San Diego  
talks of coming on here and  
go down to St George to winter  
to dig Indian mounds &  
go over to Mogus. I have  
encouraged his plan, and  
agree to put the Indian matters  
into his hands. I have also  
suggested that he rig up  
a conveyance next March &  
meet me in the Lower Colorado  
for a fruit botanical collection  
I working from California  
Eastward. Then go to Bill Millan  
&c. I expect to stay perhaps  
most of winter in vicinity  
of San Francisco, may take  
quarters at Oakland to have

What Erycin ? is this  
common here ?

Spring Lake Utah  
Sept 30<sup>th</sup> 1875

Dear Dr. Gray I have rec<sup>d</sup>  
your postal card, but not  
the letter to which you  
refer ("enclisum from Mr  
Salisbury") I notice however  
a letter advertised for me  
at Salt Lake, which may  
be it; too late to send for  
it here, but will get it  
next week. In the mean  
time I have a box packed  
directed to Mr Salisbury,  
Curator Ethn Museum, Harvard  
Univ Cambridge Mass, which  
I will send by express & pay charges



Sargent

- I send by this mail in  
 seed envelope. as follows  
 No 2. Ostrya Fendleri  
 10 Syntherisma pinnatifida  
 11 Aquilegia flavescens  
 12 Agave Mchensis (Siler)  
 13 Astragalus glaucus  
 14 Stellaria crassifolia  
 15 Parsonsia parviflora DC  
 16 Saxifraga Paetzschii  
 17 Erythraea Stuebelii Wats.

I send the other day to  
 Sargent a package of  
Quercus undulata

Before leaving here I will  
 send some good roots of Spergularia  
 which I have got the hang of  
 now. selecting such as grow at  
 the foot of cliffs or among in gravel  
 a large lot sent to Backhouse

Could you get for me  
 3 or 4 copies of Bot Mag  
 Sept No. with figure of  
Primula Parryi?

I have been troubled with  
 an inflamed eye for a week  
 past. not well yet and a  
 great annoyance

We leave as expected  
 Oct 4<sup>th</sup> Dec in San Francisco  
 Oct 7<sup>th</sup> I expect to meet  
 Dr Palmer there & talk with  
 about Indian things

Yours &c  
 C.C. Parry

Salt Lake. <sup>arrived</sup> Oct 5<sup>th</sup> / 75.

Dear Mr Grey:

Came here  
last even. Came in a few  
hours for San Francisco.  
I find here no letter from  
Mr Salisbury. so that the  
one you referred to has  
unaccounted.. I have sent  
on the express box Indian  
things (as per enclosed receipt  
was obliged to prepay charges  
\$6.65) - The letter may  
turn up and be forwarded  
otherwise will need hunting  
up via Dead Letter office  
As Palmer goes down to  
St George this winter to open  
mounds or I shall meet  
him in San Francisco

Mr Green came to  
Maysville. last of this  
month. Hoping soon to  
hear from you

Yours truly  
A.C. Parry



and make head quarters  
at or near San Bernardino  
from which point I can  
best secure the early desert  
flora, and be near high Mts.  
In July I may join Lemmon  
in Sierra Co.

I am determined not to  
leave till I get the Abies  
question settled, and solve  
some of the juzzles that  
have so long perplexed botanists  
& rejoiced speculative horticulturists  
Reckon the species making collected  
by Blander. That he had  
"to make humming to make money"  
he is now leagued with the  
seed dealers here to send  
him all their things to be  
worked up & distributed in  
this scheme. Enough for the  
present from me  
C.C. Parry

Paris  
29th  
No 1206. Market St  
San Francisco Cal  
Oct 19<sup>th</sup> 1875

My Dear Dr Gray  
Coming from  
my quiet-summer retreat,  
to this bustling metropolis is  
rather bewildering. Hence I  
feel indisposed to sit down  
and write, with so much to  
see. I have met Blander  
once who has quite switched  
off from botany since he  
turned politician Kellogg  
is on a trip to Mt Whitney.  
Greene has not yet come  
on so that botanists are scarce.  
I find the Acad. herb in a  
sad muddle. Sheets full of  
unnamed plants & unopened  
bundles piled away on tables  
& in closets. A vast amount

of work to be done & nobody  
to do it. The Acad. now  
have an unrecorded deed  
of the valuable property on  
Market St given by Luck  
valued at \$200,000, & still  
occupy the old church  
corner of Dupont & Cal St  
I stumble on good things  
occasionally. Photis ma  
turns up at last from San Diego,  
and they are unearthing some  
of my old things. Frasera  
Parryi. Tigghia Parryi &  
Agave Shawii n sp which  
I noted near Bdz monument  
more than 25 years ago  
is a splendid species for  
horticulture. and is largely  
collected by dealers.  
I met here Dr Palmer  
on route to St George to

dig Indian mounds. his  
San Diego collection must  
include some nice things  
please lay out for me a  
good specimen of Frasera  
Parryi -

Just as well that your  
draft did not reach me  
I would rather not keep up  
an Indian account. so you  
may send me Postal order  
on San Francisco. for \$18. =  
to cover the Utah purchases.  
If I get more I will send  
bills. But Palmer can do  
best for you in that line  
he expects to go to the Mogonis  
soon. My plans are still  
rather unsettled. but in case  
nothing turns up to induce  
me to stay here for the winter  
I shall probably go South



San Bernardino Cal a

Nov 18<sup>th</sup> 1875

My Dear Mr Gray

We have at last saddled down to winter quarters, and by a fortunate accident, find ourselves very agreeably fixed. This location comes fully up to my expectations, very pleasant surroundings, a mild winter climate, and everything desirable except decent people with sufficient enterprise to make the most of their natural advantages. It is wonderful how much might be done in this valley where the soil is rich abundantly watered, and where every town lot can get an unlimited supply of Artesian water by boring to a depth of 70 to 100 ft. The adjoining Mts are accessible by lumber road and afford elevations of 3000 to 5000 ft above the valley. The S. P. R. R. is being pushed rapidly toward the Colorado is now graded well down in the desert so that I am likely to have a fine scope of mt & desert country to be arranged over when vegetation starts in the Spring. I shall even hope to do a little this winter, in warm sheltered spots on the foot hills. My present plan is to start out early in March on the Mojave route, stop over if desirable at Providence Mts. then to the Colorado



at Ft. Mojave. Down to Bill Williams & Yuma. Thence  
by return route over the Desert via San Joaquin. &  
put in a month or 6 weeks in the high Mts near  
here in early summer. Then via Yosemite. join Lemmon  
in Sierra Co. and perhaps finish up collecting conifer  
seed either in Utah or Colorado.

I should like to know what particular District  
R. M. Brock botanized over this season. I imagine he  
was hardly earlier enough for the Spring Desert flora  
and the season was unusually dry so that he may  
not have been able to accomplish much. I have on  
hand a good stock of doilies, having found at San Francisco  
a large supply in rolls for carpet lining at 6 cts 16  
I have your card of Nov 4<sup>th</sup> of 2 from S. F. glad  
that you secured the plates. but why not send bills?  
Please retain one for Herb to accompany if you like  
the original specimens of 1861. Send me with my regards  
to Mr Canby, another dr. to Mr J. H. Redfield 216 W Logan St  
Philadelphia, the remaining 3 keep subject to my order  
or send when convenient to my address at Davenport.  
Please send all you can in the way of loose sheets  
or papers on California botany to me here. proof sheets  
of the flora would be acceptable and useful either fragmentary  
or complete would not object to some soiled reading this winter  
Could you procure & send me by mail Sachs's Botany? if  
it is agreed thing to have & comes within the Postal limit of 4 lbs  
send bills in currency as I can remit by Postal order -

Nov 1875

I met Kellogg the week before leaving San Francisco. The same good-hearted impracticable fellow. They are keeping back a number of nice things that ought to be in the Herbar. viz a nice new Sauricula with radical leaves like a Paltha. (S. maritima, Kell. ined.), an Erythraea of which I sent a specimen to Dr Engelmann (E. lutea, Kell. ined.) and doubtless others I do not see. I went over Kellogg's collections from his last trip to Mt Whitney. some nice things. That I did not recognize he had Spizaea mellefolium marked Chamaebatia n. sp.!! which of course I spoiled for him. I wish they would take a reasonable view of things and put their material in the right hands but the old jealousy crops out and is fostered by such men as W P Gibbons and others. I mention all this in confidence as they were all exceedingly friendly and liberal to me and I do not wish to seem to abuse their confidence. With the present prospects that the Acad of Science will soon be amply endowed we may hope for a better state of things. Several have intimated that they would like to have me there to take charge of the Herbar. to which I made no objection. but at present there are serious obstacles in the way. The Centennial business has been badly managed by Vasey. who has sent out collectors and engaged every body to collect



them shut down on the pay so that many have not  
paid expenses, and are quite disgusted.

I found the other day in dry washes near  
the foot hills what I take to be your Bigeoria  
squamata, fr. collected by Palmer on the Eastern slope  
in 1870. (specimen enclosed in newspaper envelope)

Inglan Californica Watson is common here in  
cultivation. I will send some fresh nuts to Sargent  
soon. Now I am settled down I shall write  
often & hope to hear from you occasionally.

Mr P. joins me in regards. To yourself I am very

Yours truly

C. C. Parry

It is quite possible that I may be able  
to do something in the Indian line in this  
section.



San Bernadino Cal<sup>a</sup>

Nov 24<sup>th</sup> 1875

My Dear Mr Gray There seems a  
good prospect of doing something  
in the Indian line. Both the Temecula  
& Coachella Indians come in here  
to trade and occasionally bring in  
manufactured articles. I have put  
some people on the track to pick up  
these things. Later will probably visit  
their towns. Mound objects may also  
be unearthed as I hear of several  
localities near by. Let me know to  
what expense I may safely go in  
these matters. will do to gain fancy  
prices for very choice articles. I am now  
on the track of some carved stone  
work said to have been got on the  
desert. looks like South Sea Island  
carving very attractive. - //

Palmer was by last accounts at  
St George soon to start for Mogui

he expects to return here by Spring  
I may join me in some trip  
to the Desert & Lower Colorado  
I wish you could get a set  
of Kellogg's last huge collection  
some curious Compositae I send  
you a scrap of one.

a queer Caproid, which I suspect  
to be a n. sp. of Mislepenia. have  
sent a fragment to Engelmann  
Is it true that the Cal & Flora  
will be out in March?!

I fear the legislature will not  
assume the cost. Whitney is  
exceedingly unpopular everywhere  
Thanks for the Utah list. I refer  
Watson gives up Lonicera Utahensis.

also Cercocarpus intricatus. but I doubt  
Aster integrifolius var with serrate leaves  
Still raining with beautiful clear days  
sandwiched between ~~grows~~

C. C. Parry

St Louis Dec 12<sup>th</sup> 1875

Dear Dr Gray

Have just in a very pleasant & profitable week here. picking up information and discussing various matters. Dr. J. J. Thompson's paper is just out. He concludes to give a short paper on Abies. (Pines) we have been looking for a paper on this subject.

We have this morning Mrs. D. D. D. for Philadelphia 39 of Chestnut St. I for New Orleans. to be at 11th & St. I support by the French Museum in Paris. I have financial matters all arranged. but Dr. D. D. D. cannot subscribe as they have a collection of bones in the field. Dr. D. D. D. is also busy from 11th to 12th for the winter and is not accessible. So have to make up the necessary amount by carrying in Palmer for \$100, - myself 50. I think when we were yet fairly settled.



Down in interior of Mexico. Expense  
will be comparatively light.

I am now inclined to work north west  
from La Vera Pasion. toward Chichén  
perhaps making two stations near  
Punta and adjoining Blon Mapunin  
a very wild & little known country.  
Wichita reports some interest,  
Ceres remains near Puaris.

I shall hope to hear from you  
at City of Mexico where we will  
probably stay several weeks &  
wherever in doubt address me through  
Mr Parry to his address at  
New Orleans. I write him since  
we came. I left nothing in charge  
to ship box of specimens  
to Cambridge.

Yours truly  
C. L. Parry

promising, will have some  
excavating, done. There is a  
prospect of mine that goes from  
the Cochinita Tribe in the  
Desert.

What is the Desert Palm  
Chamaecrops — I  
saw a fine specimen in  
Morayo pass. 30 ft high  
& trunk 18 inch diameter.  
There are several in town  
growing finally 15 ft high  
with leaves & petioles 8 ft long.  
I can fix their eye, will get  
photographs of the largest.  
We are having a northern day  
but not cold and dry. I  
am sitting by open window to  
keep comfortable. would be glad  
to spare some of the fine  
fruit.

C. L. Parry

San Bernardino Cal  
Dec 22<sup>d</sup> 1875-

Dear Dr Gray

I send by mail parcel  
numbered plants as follows

No 1. Ivesia — ?

fine wood.

" 2 Pentstemon — " with  
seed. Moisture slope, cannot fit it  
to any description to call  
provisionally P. crassifolius - etc

" 3. Microseris — ?

" 4. — — — ? a curious  
tall plant. (6-8 ft) growing by the  
edge of Mt. rivulets. no vestiges  
of flowers. plant seed by your  
garden brook.

No 5. Eriogonum — ?

dry desert hill.

" 6 Conothryx — ?

San Joaquin Pass

No 7. Camp - — — — ?

Morongo Pass

No 8. Camp - — — — ?

Dry hills Morongo Pass

No 9. Camp - — — — ?

No 10. Dalea Schottii - — — ?

Desert washes.

No 11. Carpheophorus juncea ?

12. Bigelovia — — — ?

Desert washes.

13. Physalis cardiophylla Torr ?

14. Camp - — — — ?

San Joaquin Pass

15. Atriplex — — — ?

San Joaquin Pass

16. Dicoria canescens Gray

Desert washes. fine large

specimens seen & seed

Please name as promptly as you can that I may know what to collect more fully.

I now see that what I sent you yesterday as Phacelia suffruticosa? must be Eriodictyon n 3/1 will compare capsules & seed try & raise it.

I send Mr Gray for X near skeleton section of Opuntia Bigelovae from the desert with a suitable base, would make an appropriate vase for skeleton leaves. I send some capsules of L. crassifolia Torr.

Yes I would like Mr Tribune I sent subscription for it a month ago. but no return. I am keeping watch of the carved stone. will at least 2, & secure photographs. I am on the track of some Indian mounds. of they look



at photographs of, and during  
the season of life from  
desert

I have just finished my  
paper. Utah Obs. for Proced.

Desert Acad. in form of  
a letter to you. I will direct  
proof to be sent to you for  
correction or additions, which  
will be easier than sending  
you the manuscript.

Engelmann is deep in the  
Oaks. we will try to help  
him. but I can hardly agree  
with his humping views on Q. chrysolepis.  
The macrocarpa var? After Douglasii  
is the common species here. It  
looks queer. but I see nothing to  
distinguish it peculiarly

Yours truly,  
J. S. Parry

San Bernardino Cal  
July 14<sup>th</sup> 1876

My Dear Dr. Gray

Our busy season  
is now close at hand.

Dr. Palmer has been here two  
weeks. and we make a trip  
in the desert this week to look  
up some botanical things and  
what plants we can gather.  
On our return Dr. P. will start  
for Arizona. stopping over to do  
some early spring collecting  
in the Lower Colorado. Bill Wilcox  
& Providence Mts. then to Prescott  
& return here in June when  
he will go to Lower California.  
This will save me a hard trip  
and leave me free to pick

over the first hills & edge  
of the desert. till the alpine  
season sets in

I am now expecting Lamm  
down here or we will arrange  
a programme. With all the collecting  
in the field we ought to make  
a big haul for Cal's supplements

We must not fail to  
get up that Canbeya or Lambeyella  
this year

I send by mail parcel  
Two singular Composites lately  
gathered on the edge of the desert  
one a Bocharis? the other  
a ???? with singular  
thulbut shaped leaves double  
pappus &c. that I do not know  
where to place.

Please indicate at once by Postal  
anything that is new or special  
interests. that I may collect

kindly & full material I want  
to do up clean work this season  
as I go along. I am confident  
that I shall be able to do  
as much or more in the way of  
discovery as I have ever done  
the travelling facilities being  
so much improved

We are soon to go to summer  
quarters at Crafton (Lee Camp)

We have had reasonable &  
some heavy rain that  
ensure a good bit crop  
Mr P. is enjoying the winter?  
is now looking forward to Yosemite.  
Of course you will send us  
early copies of Cal's Flora  
don't wait for binding!

We will try & do up the  
Desert Palm for Watson there  
are some nice young trees or  
towers 20 years old. that we will

The immediate consequence is  
that Lemmon is cramped for  
means. Though as he tells me  
frankly he has other resources  
I can get along. I would say  
if nothing better so that the rich  
and able botanists advance him  
from \$100, to \$200, - to be paid  
from his sets of plants of which  
he has already undistributed  
to the value of \$500. - and will  
have this season gatherings to add  
I shall propose to him to return  
to Southampton with me & put  
up our sets jointly: next fall.  
He has given up going to the  
Centennial which is probably for  
the best. It will be necessary  
to act somewhat cautiously in this  
matter of advancing funds as he  
is sensitive and easily upset especially  
by what he regards as "undeserved  
kindness" - but we must see

San Bernardino Cal  
March 13<sup>th</sup> 1876

My dear Mr Gray - I have been  
a good deal upset for the past  
month. Palmer has been here  
and gone and I had to help him  
with his outfit &c Then comes  
an the impulsive general Leost  
Lemmon coming over with father  
wanting to see and do everything  
We have arranged for a desert  
trip this week that will work  
off some of his steam.  
Besides Barnister Jackson is  
accidentally with us a very  
agreeable companion who seems  
to like it so well that he  
is likely to stay some time &  
accompany us on our trip -  
(the longer the better.) I  
hardly know where to begin  
in my delay - report



I was over on the Desert with  
Oulmer for a week & picked  
up a few nice things among  
them. good fl & fr. & Solea  
Californica. Rhynchos cordifolia Torr  
which proves to be the puzzling  
thing that bothered me so in  
leaf specimen of 1867. It is  
very well marked but the characters  
will need revision. A Peruvia  
probably P. Anderssoni (Jide Lemmon  
and some other of which I will  
send a parcel on my return  
from an expected trip.

I find near here the Chelan the  
Cobbesee etc which is in great  
demand. Lemmon expects to  
stay here as long as the season  
warrants & then will return to  
the Sierra. I to go in somewhat  
later. He tells me confidentially  
a startling account of his  
Centennial experience

which troubles me a good deal  
the upshot being that for  
an actual outlay of time &  
money amounting to \$2900.—  
in gold he has received just  
\$300.— in currency!!

He does not complain of this.  
says "It is all my fault  
they paid me all & more  
than they agreed to. I would  
take another cent "etc etc"  
But there seems an injustice  
in the matter that looks to me  
like taking advantage of a  
generous hearted fellow. I  
can understand very well how  
rampaged Vosey must be in  
his position, and cannot do what  
he would like to under those  
per. old walls & the underhanded  
designing Saunders, but I  
think the facts should be known  
and if possible something done

Jan. 13/76

We are quite pleasantly situated  
just now at Crafton 12 miles  
from San Bernardino. When  
we shall get our mail. The  
season is very backward but  
abundance of rain & things  
are coming forward so that in  
a week or so we will be up  
to our ears in work collecting.  
I think there will be plenty  
to do in this section till July  
perhaps later.

Palmer will go up Arizona  
which I am glad to hand over  
to him he is now on the Colorado.  
I tell him to look for  
Hesperocetes, Ammonoites,  
Psilostylis & etc etc. He will no  
doubt render a good account  
on his return will probably go  
to Lower California on full  
side. to continue his discoveries  
in that fruitful District.

I am getting all the definite  
information I can of the  
Desert Palm Brachia filamentosa  
Palmes sent a large lot of seed  
to Sargent. I have observed  
it so far in two stations and  
then an even finer young  
specimen is found 17 ft high  
The character of the petiole  
is not somewhat unsettled  
in all young specimens it is  
very prominently crossed with  
a row of cartilaginous & often hook  
spines. but in one large tree  
the edges are smooth. I cannot  
consider them distinct must  
see farther. I have a photo of  
a large tree in Los Angeles also.  
I will send with parcel of plants  
I suppose the same but the fruit  
looks different. Show them to Watson  
Guadalupe paper &c recd. Thanking  
Sent the flora from C. C. Perry



Last week on the edge of  
the desert I found a very  
remarkable Dasyleria, with  
large trunk 3-6 ft and thick  
Yucca like leaves. I have sent  
material & notes to Dr Engelman  
asking him to characterize &  
send description to you I also  
send you in envelope a leaf  
and capsules containing im-  
mature seeds. It must be  
nice in cultivation.

I am very busy. Lemmon keeps  
me hunting, keep picking up new  
things - as soon as I get them  
will make up a parcel. Please  
I sp. one of Dalea Californica &  
fr. also Croton & Boylea  
to see looking around for  
the Flora Hope to hear soon.

Yours truly

C.C. Parry

San Bernardino  
March 28<sup>th</sup> 1876

My Dear Watson

I have been  
hunting up as full material as  
I can of the Desert Palm  
and now send results as complete  
as I can except fl.

I conclude that there is but the  
one species in this section  
including some full grown specimen  
cultivated at Los Angeles of  
which I send you a stereoscopic  
view. said to be 76 years old!  
I have been bothered a good deal  
in regard to spines on the petioles  
I find them quite constant on  
all except old trees, where  
in the upper leaves they are  
occasionally wanting or at least  
irregular in some, not others

The 1<sup>st</sup> specimen I saw on Morongo pass. had no spines at all - on other old trees some leaves are thickly set others scant or wanting - not always easy to determine on account of height but as a general thing the spines are quite constant & prominent.

Here are measurements of a specimen cultivated in San Bernad. said to be 18-20 years old.

|                                             |           |           |
|---------------------------------------------|-----------|-----------|
| Height of stem                              | 7 feet -  | } 17 ft   |
| " " leaf crown                              | 10 "      |           |
| Circumference at base                       | 9 ft 2 in |           |
| " " Summit                                  | 4 " 4 "   |           |
| Length of developed petioles                | 4 ft 8 in |           |
| breadth at base                             | 9 1/2 in  |           |
| " " middle                                  | 3 1/2 "   |           |
| " " tip                                     | 2 1/2 in  |           |
| vertical length of blade to 1/2 of division | 4 feet    |           |
| width                                       | 5 feet    |           |
| depth of leaf division                      | 8-15 in   | plate 50? |

Sargent says you now call this *Richardia filamentosa* - ? I sent by mail parcel parts of two petioles showing the irregular character of spines also a fl spathe, sheath, & small branch. the fl stems are 8-10 ft long. see in the vases sent. The height of full grown specimen is about 25-30 ft. but the Los Angeles one is taller. (I have seen no indication of fresh fl branches. I have been told it fl in winter is perfect to seed in fall. The latter gathered by Indians I send a few seeds with the skin adhering. This is all I can say about it at present Palmer has sent on trunk & leaves to Carterick.

San Bernardino

April 3<sup>d</sup> 1876

My Dear Dr Gray — I send by this  
mail a Miscellaneous lot of  
plants, mostly from Eastern  
California. numbered for name

- by
1. Chaizanthus — ?
  2. Linum — ?
  3. Lizyphus Parryi fl. ?
  4. Phacelia — ?
  5. Cassiopea Bigelovii !!
  6. Colinsia n. sp. ?
  7. Dalea Emoryi — ?
  8. Leptosyne — ? ? ? ?  
curious armed papilion to disk fl.
  9. Achyrachne Cooperi fl.
  10. Miner —



- No 11 filia )  
 " 12 Leptosyne ?  
 13 Calyptridium monandrum  
 14 Malacothrix  
 15. Comp - - - passed fl

Please correct or return  
 names.

getting on pretty lively. Season  
 still backward. Lemmon keeps  
 on the jump I hear from  
 Pelouze in Lower Colorado  
 now probably at Prescott  
 I find Montgelia tricuspidis  
 but not yet found with  
 some large Ashegali from  
 the desert new to me. will  
 send in larger package  
 looking anxiously for the  
 flora.

Crotonoma abundant on  
 eastern slope will get seed

Not likely to leave here  
 for good till July or later  
 in August will go to  
 Lemmon's location in the  
 High Sierra.

Let me hear soon  
 Mr P. Send regards

Trueman  
 C.C. Peary

San Bernardino. May 5<sup>th</sup> 1876.

My Dear Dr. Gray

I send by mail parcel 24 species  
numbered as follows

- No 1. Astragalus \_\_\_\_\_ ? blue fl desert on drifting sand
- " 2 A. \_\_\_\_\_ ? cream colored fl. White water
- " 3 A. \_\_\_\_\_ ? " "
- " 4 Ceanothus near rigidus. ? 'Desert Mt.
5. Caryophyllaceae \_\_\_\_\_ ? dry plain
- 6 " " ? " "
7. Thymelaeaceae - \_\_\_\_\_ ?
8. Mentzelia tricuspidis Gray !
- 9 Dalea Californica Watson fr. & fl. abundant on East slope
10. Camp. \_\_\_\_\_ ? Desert the male fl mixed of Crotch.
- 11 Actinolepis \_\_\_\_\_ ? " "
- 12 Camp. \_\_\_\_\_ ?
- 13 " " " "
- 14 Eriogonum \_\_\_\_\_ ? sandy washes.
- 15 Scutellaria \_\_\_\_\_ ? rivines
16. \_\_\_\_\_ ? unknown Desert vine in seed
17. filix aurea ?
18. Eriogonum \_\_\_\_\_ yellow fl Desert
- 19 E. \_\_\_\_\_ rocks
20. Chorizanthe procumbens ? named by gen. C. Stettinoides  
which I take to be the next (22)

over

(No 22. Chorizanthe staticoides Benth? bright red fl  
6' 18' - common on dry hills in May,

No 21) Chorizanthe n sp? East slope of San Joaquin.

Pass. Aprile I do not know if the calyx. will  
protrude later to make C. laciniata Torr. ? !

No 23<sup>d</sup> \_\_\_\_\_ ? not Chorizanthe ? I do not  
find calyx common on the gravelly plain near  
here is it the Chilean genus Lantanaella ?

No 24. Urtica \_\_\_\_\_ ? waste places Sta Barbara  
Common.

Thanks for the other list, and the good news of  
the Flora. Hope you can send an advance copy.  
Plants are getting dried up. will have to go to  
the Mts soon. We get a few specimens of Mojavea  
on last desert trip. hope to get seed, also of  
Montgetia tricuspidis. find latest nice fl specimen  
of Fraxinus dipetala. Shall go after the new  
Encodgation next week. Common is getting  
somewhat impatient will probably leave last of  
this month for Sierra, via Sta Barbara. I shall  
probably stay later & botanize the higher Mts near  
here. Then for the Sierra, via Yosemite.  
Palmer will return here about June 1<sup>st</sup> & then  
go to his choice ground in Lower California.  
Hope you will get a chance to rest now.  
Common sends regards yours & C. L. Parry



San Bernardino May 29<sup>th</sup> 76

Dear Dr Gray

I have just finished going over  
Palmer's plants from Arizona & S. Cal<sup>a</sup> and  
selecting such as might be desirable for you  
to examine at once. They number up to 156 sp  
and are sent by this mail in two parcels.  
What strikes me of special interest are 107  
No 3. Camp. 20. filia (before sent by Lemmon).  
35. Camp. Logetenocae — ? 37 — ?  
44. Calochortus red fl. 63. Centrostegia n. sp.  
found also by Lemmon & myself in Mojave. We  
have the other two species so I do not doubt  
them being new! 71. Sphaera n. sp. !  
74 Ptelea ? 79 Antirrhinum ?  
90 Valeriana n. sp. 122. Juncus ??  
123. Penstemon n. sp. ? 130 Loeselina ?  
153 Lupinus n. sp. some others may be  
equally interesting as you run them over  
including Lycium Astragalus Hesackia &c &c  
Braham a little black just now except on  
the Mts. we had a nice trip over to the  
Mojave. up Death Canon. just starting now  
for summit of San Bernardino. We are likely  
to stay here some time longer before starting  
north. Lemmon talks of leaving soon

Palmer wrote and the full list. sent names

Hope to get the Cal<sup>la</sup> Flora before leaving here  
Dr Palmer will start soon for San Diego &  
Lower California to go over some of his old  
ground. I hear from Green at foot of Mt Shasta  
a good location.

I shall not try to do anything commercially  
in the collection of seeds or plants too much  
hard work or hard pay. Mr Beckhouse has  
a young man coming out to collect for him  
as written for information in regard to  
localities &c which I have sent as  
expedited as I can

The enclosed Papaveraceae plant from  
Palmer seems very unique I cannot think  
of any genus to fit it to perhaps our good friend  
Cambayd Cambya, or Cambella? It seems somewhat  
allied to Arctomecon as far as Capsule & Seeds  
go. There is good seed in the parcel so I  
hope you can cultivate it Palmer says it  
grows in dry sand. open in morning & closes  
at even. Hope to hear from you soon.  
Palmer send seed Phacelia Watson for Sargent  
We have a new? Oxytheca from Mojave & a  
new Phelipaea. I do not yet get the new Erodyction  
your C. C. Parry

San Bernardino June 9<sup>th</sup>/76

My Dear Dr Gray

By mail parcel I send for  
Identification plants numbered, as follows. My:

- No 1 Rhynchospora ? too young but showing  
a curious capsule. hope to find again later  
" 2. Phelipaea ? single specimen  
" 3 " " n sp? light blue fl. parasitic  
in matts of Pedum.  
" 4 Chorizanthe Californica Gray.  
" 5 " }  
" 6 " } Both of these:  
returned by Watson as C. stictocoides. I cannot  
accept this, so very distinct in habit with  
no intermediate forms No 6 often 2 ft high!  
" 7 Oxytheca 3-lobata? with fimbriate calyx x. ?  
" 8 Centrostegia n sp (also sent by Palmer No 63)  
" 9 Centrostegia leptoceros Gray, plenty near here  
" 10. Crinum ?



Lemmon is off for Pierre valley via  
St. Barbara.

Palmer here recovering from his fall. he goes  
in a few days to review some of his ground  
on the Mojave. then to San Diego and later to  
San Luis Obispo. he wants to collect the offices for  
largest in Colorado in my place. Lemmon  
will not go.

The large solid fruited Asclepias is the  
common one about here we only just found it  
out, but made up a few flowering specimens  
most of which Lemmon has with him its general  
aspect is just like A. speciosa how do you  
name it? the fruit is certainly curious.

Am likely to stay here some weeks yet  
& yet in the high Mts. What do you make of  
that Dubautia sent by Lemmon from the  
high slope of San Bernardino?

Yours Prof

C. L. Parry

glad that Caulya turns up  
so well. if there is no impropriety  
I should like to father the genus  
or why not jointly Gray & Parry  
and as to specific name, if a  
better one does not suggest  
how will C. exilis do which  
will carry a sort of double name  
Could we not get up a neck  
figure, to accompany description?  
Caulya would no doubt gladly  
pay for engraving. But at least  
we must not fail to raise from  
seed. I have a specimen to mail  
to Caulya. Parcel to send soon

Yours truly  
C.C. Parry

San Bernardino Cal<sup>a</sup>  
June 25<sup>th</sup> 1876

My dear brother  
Your letter of  
the 14th is to hand. I am  
now in Botanical Chew!  
How nice to be able to find  
things without guessing, or  
going over a dozen or more  
bore pamphlets -

Palmer just started off for  
San Luis Obispo. I suggested  
this intermediate locality -  
which includes some high  
adjoining mt districts, where  
Abies bracteata is found.  
I think seldom visited by  
collectors; Lemmon did  
not seem to take to the

Colorado scheme. which I  
suggested to him first and  
rather urged on him. he  
is active. but occasionally  
nervous & frigate does  
not like to stick to steady  
work, and likes to make  
a display of what he does  
besides being short of funds  
He is a thoroughly good fellow  
and I would like to see him  
do well. He is still at Sta-Barbara  
where you no doubt hear  
from him I fear wasting  
valuable time which would  
be better spent in the Sierra  
I am likely to stay here till  
middle of July & then work  
north. Expect to return to  
Savannah early in Sept  
with all the collection  
including Dr Palmer's. who  
will come on later & make

up his set there. under my  
direction.

I think he will do well  
enough in collecting the  
Colorado Conifers. I shall  
give him very full directions  
in reference to localities &  
persons to call on. he will  
make head quarters at  
Empire. I hope this will be  
satisfactory to Sargent. he  
fully understands that the  
pay is to be proportional to the  
size of the collection.

I have a parcel of Palmer's  
late gathering in hand to which  
I want to add a few large  
things. We shall have some  
correction & addition to the  
Flora, among them we find  
Androsace septentrionalis here  
on the foot hills. first seen  
by Loomis



Yours de

C.C. Parry

San Bernardino

July 2<sup>d</sup> - 1876

Dear Dr. Gray Rec<sup>d</sup> your letter  
just received.

I am delaying a parcel  
of Palmer's last things to include  
some of my later gatherings.  
I am just back from a short  
trip to Bear Valley, heading  
Mojave which yielded several  
nice things, among them the  
enclosed scrub (of which large full  
specimens will be sent in the  
parcel) I take it to be a Hulsea  
or sp. closely allied to it. It is  
I think biennial, or perennial?  
very sticky glandular with a  
heavy Moragot odor. Seed enclosed  
as mature & I hope you can  
raise it. grows in loose gravelly  
soil. rather dry..

I wonder the original Hulsea  
has not turned up from the  
Mts East of San Diego. "Torrey"  
are you not mistaken in calling  
Hulsea as the "first discovered"  
My imperfect specimens from  
which the description was drawn  
in Bot Mex 1857 were collected  
in 1850. I think Torrey inadvertently  
referred it to Hulsea.

I will correct or additions  
in the margin of the Flora as  
they turn up.

Shall be glad to get the  
new part for Pl. but not worth  
while to send it here, as I  
shall soon be in the room and  
will reach San Francisco early in  
Sept. If you can make up a  
parcel for San Francisco to  
include bound Vol of Bot Cal -  
it could be sent by express

When I go to town I will get  
Postal order for \$10. - to cover  
cost etc. In sending express or  
mail matter to San Francisco please  
address Care. J. Weller

Samuel still at Sta. Barbara  
rushing around visiting etc etc  
I think he would do better near  
home. Palmer at San Louis Obispo  
not heard from since his  
arrival.

I expect to make a few  
more trips near here, & then  
move north about Aug 20<sup>th</sup>  
shall probably visit Yosemite  
but take a run to Calaveras  
grove then to Sierra-Ville, &  
Webber Lake. - San Francisco?  
Weather here quite sultry at  
midday, but cool nights  
frosts just coming in  
cypresses etc etc

Sevenport. Iowa  
Sept 24<sup>th</sup> 1876

Dear Dr Gray

You made a shorter  
trip than I expected

I enclose specimens of tickets  
for the whole collection. with the  
No desired. Those for Palmer  
will be wanted 1<sup>st</sup> and had  
better be kept till he comes on  
(week after next) his sets are  
more than half made up, will  
finish next week. and then go  
on to Cambridge. He will take with  
him at least one full set to be  
named from and incorporate such as  
you may want for herb. No word  
yet from the missing Arizona box



I shall be rather slow getting  
at the Deselution. so many  
things to distract my attention  
Mr P. says we must go to  
Centennial. but I am little to  
join the busy crowd and shall  
try to back out.

Lemmon is poorly, not able  
to collect I fear he may break  
down entirely. I can use his  
surplus to advantage as his  
collection is very irregular  
he is to send it in in October  
and tickets as soon as done  
including all other matter by  
Express. Charge all to me  
(except Palmer's) and make out  
bill of everything for me to settle  
(Backhouse wants to buy a  
copy of Bot. Cal<sup>th</sup> can you advise  
him how to get it & where

When I get at the plants shall  
be writing often thanks to Watson  
for late list-

Young Putnam was much  
pleased with your letter. expects  
to start for Centennial next week  
will probably go to see you at  
Cambridge

Yours  
C. C. Parry

Davenport Iowa  
Oct 9<sup>th</sup> 1876

My Dear Mr. Gray

Yours of 4<sup>th</sup>  
to hand. Sorry any unnecessary  
feeling should be got up over  
such a nice bone.

The whole matter seems to  
turn on a single point. Is  
there a S. Parryi? I do not  
know of any. If I had I should  
have been the first to object  
to the re-~~ad~~ as entering out of  
the question. Knowing Lamm  
as I think I do I fear he  
will not take kindly to the  
change you propose. I have been  
aware of a jealousy which I have  
tried to stifle down, in which  
I think Lamm is more to blame  
than Palmer. Things perhaps natural  
if not altogether excusable

I still think if your reasons hold  
good, that you should write to Kellogg.  
The history of the matter is simply this  
Early in May. Lemmon myself &  
one other companion, made a trip  
to the head of the Mojave, on reaching  
the desert plain we encountered a  
number of interesting things, and our  
time being short were on the keen  
pursuit to secure what we could.  
I saw plenty of the filix, but took it  
for a var of f. dianthifolia so did not  
gather a single specimen. Lemmon shapes  
eyes noticed the difference and when he  
called my attention to it I saw at once  
that it was distinct and if not f. Lemmonii  
probably new. On this Lemmon suggested the  
name, and as I supposed sent you specimens  
at the time, as he did to other parties under  
that provisional name — I will try & explain  
to L. but beyond that would prefer to let the  
matter drop certainly safe in your hands,  
C.C. Parry



Davenport Iowa

Oct 12<sup>th</sup> 1896

Dear Mr Gray

The express parcel has just come to hand. as soon as I receive one more box on the way from Lemmon shall have all the material on hand for distribution. but I have many outside interruptions so it may be some time before the sets will be ready.

Palmer is with you I suppose. also young Putnam. the latter much improved since a year ago.

I am waiting to hear of Eugalman's return home. may take a run down there on an excursion for two days next week if I hear he is at home.

Lemmon is poorly yet has  
not been able to collect any  
since I left.

Palmer will tell you all  
about his sets, also in reference  
to the missing box

Say to Watson that his donation  
will be duly Reported.

Yours

C.C. Parry

Enclosed Postal order for \$17.00  
as per bill sent

Davenport Feb<sup>y</sup> 8<sup>th</sup> 1877

My Dear Mr Gray

Yours of Feb 6<sup>th</sup>  
hand. I enclose Postal order for  
\$5.00 towards exp. &c

I also send Miscellaneous  
parcel with fac similis of our  
late archaeological fund, and  
a recent photograph. In the  
paper for Sargent I slip in a  
print specimen of Echinospirifer  
Lemmon 205. L. called my  
attention to it said you would  
print, it seems quite distinct,  
from any other western sp.

I still think the Utah & Wyoming  
specimens referred to l. reflexum  
are distinct, but have not the  
material handy to prove it



Duncan Putnam among other complications has had an attack of erysipelas in one of his dispoical limbs. is better & lively but his condition is exceedingly precarious.

I have had quite a severe attack of renal calculus! getting over it now.

I do not see how you can escape that "treat me all" as long as you have the only complete herbarium and keep good natured. If you only had someone reliable to attend to that matter & charge a fee but such a person would be fit for something better

Yours

C C Parry

Lemmus full name is  
John Gill L.  
after a stiff orthodox Baptist  
Communitarian. Lemmus says  
he has sadly declined.

Why not say Lemmella for  
euphony, as long as you have  
a choice. Mr. B. likes it better.

New York March 3<sup>d</sup> 1877

My Dear Mr. Gray

Yes that is good!!  
Lemmusia Californica you know!!  
and equally fortunate, an exclusion  
find of Lemmon. We were together on  
the trip, but he was more active  
and followed down the creek on the  
track of two bears. The ground  
told us when they had crossed  
the creek before him. on the way  
he picked up that new Oxytheca  
and having his papers stuffed was  
bringing a bunch of Lemmus  
in his blanket. It looked queer  
to both of us, and I made a brief  
examination, concluding it was  
Hydrophylacis, and quite significantly  
it was just away in the papers with

Nanna! There will be plenty of  
it to go through the sets and some  
to spare. I send two full size of  
I leave to Mr P. to make up the  
congratulations, <sup>to Sam</sup> as she is in the  
same boat. I send your letter  
on it over to L. enclosing specimens  
so that he will recognize at  
once — That Mopane regem  
"pans out well, and more yet  
to find them.

I am now going over the collection  
entire ready to number. I shall  
have some guidelines? on hand  
shortly.

Our Academy folks are quite  
amused at the incredulity of  
your Eastern archaeologists in  
regard to the tablets. The evidence  
of their genuineness is just as  
complete as that of the Carved  
Ivory & copper axes. If one is  
a fraud so is the other.

But we must find more.  
Samuel Putnam was much  
pleased with your notice accompanying  
his letter in Pop<sup>r</sup> Science monthly  
his mother quite beside herself.  
It is clearly failing but his  
mind is clear & active.

We have had a stroke of luck  
in the donation of an eligible  
lot for Academy, from a rich  
lady, Watson will remember  
the Newcomb. The lot is just  
above St Lukes Church on Brady  
St. The Putnam is now  
moving for a building if it  
goes up in good shape I suppose  
it will eventually keep my horse  
& brood.

I now expect to go East about  
May.

Yours truly  
C C Barry



2  
I enclose herewith a specimen of  
*Syntherisma magnum*? with large yellow  
flowers I found it accidentally in a  
small collection of Mrs. P., & given  
by a friend who accompanied me on  
one of my Desert Trips. I did not  
see it myself. It is quite  
different from *S. setulosa* which  
has clear white flowers (like an *Ontheria*)

Judge Hastings of California was  
here a few days ago on his  
way to Cambridge &c. Said he  
was going to arrange for publishing  
Vol 2 Cal & Flora. I suppose you  
are now trying to catch up with  
the first & synopsis Vol Flora before  
going on beyond *Aspetalar*.

Lucian Putnam is better & living  
on, long after, and has been  
Vol 2. from Dr. Long to hear of  
the grass accident

Yours

C. C. Parry

Davenport, April 3<sup>d</sup> 1877

I have received your last letter &  
Postal in reference to *Syntherisma* &  
I have no distinct recollection of the  
plant but think it was gathered near  
Crofton. have written to Tom now at  
St. The specimens are sent 3 or 4  
whole ones besides the one sent you  
I have picked out some of the ripest  
seed in hopes you can make it grow  
If your specimen is not sufficient for  
that I have I will send more, all  
plants now sent <sup>as the best</sup> will be under the  
regular distributing number. I can  
now send any special order as you  
may be wishing it. so save the  
trouble of a letter &c.

I concluded the *Ullah* *Syntherisma* was  
not because I was gathering and saw  
etc. still, while the rest was more  
densely clustered with fresh leaves  
quite different from the rest. That is  
I sent you one of the roots by mail &  
calling attention to it. perhaps it is  
overlooked. I think I could not be  
mistaken as to its perennial character  
which seemed constant not exceptional

# DAVENPORT

## Academy of Natural Sciences.

Davenport, Iowa, May 7<sup>th</sup> 1877.

Dear Dr Gray

I have just seen your artichoke article in Silliman's Journal May. It recalls some old observations of mine in Minnesota in 1848. By reference to Swens Report p 614 you will see I call the tuber bearing Helianthus. H. tuberosus. L. give the Chippewa Indian name and indulge in some far fetched comparisons. I remember distinctly the tubers having the regular artichoke taste of my boyhood when I relished such things. I think some time after, I wrote you on the subject & perhaps sent specimens of my collection of 1848 Minnesota, and later of 1865 Wisconsin, they do not answer to the description of H. domocoides Lam being rather slender with long lanceolate leaves, feathery veined. &c. I lay by some more specimens to send, or bring with me. I now expect to leave for Philadelphia 9<sup>th</sup> inst will meet Rothrock and Thores then to N.Y. and so on to Boston &c. I sent the other day to Watson 2 bulbs of Calochortus citrinus. Taken apparently in good

I hope you can make a good flower  
it came from dry rocky places near the Barbours  
Lemmon writes cheerfully is arranging for a trip  
to Ariz. Lake &c.

Palmer is probably on the Lower Virgin. may  
pick up some good things.

The box of freight sent to your address will contain  
parrots for Borsum & Banting. of Palmer & mine  
There are also two odd sets of Palmer which he  
wants to dispose of his last sets do not take  
well though they contain many new & new things  
he was too anxious to multiply sets, and numbers  
so as to count greenbacks. no one can make  
collecting pay alone with a limited market of 12 to 15  
sets, I shall realize from my Cal<sup>e</sup> collection just  
enough to pay my fare one way

will write from Philadelphia hope to get report  
from the plants sent by mail before long,

Yours &c  
C.C. Parry

Young Putnam keeps fairly well & active



from the edible species as  
samples of Indian food.  
I will bring specimens with me.  
The Academy collections are in poor  
condition (as you know) though the  
conveniences are as nice as could be  
wished. only mentioning some are  
to do the work -

I expect to stay here at least 2  
weeks longer.

The missions in my list are  
mostly unimportant and can be  
supplied again.

Yours truly

C.C. Parry

Have you raised Nema Parryi from seed? I could  
not get fresh specimens in 1876  
glad to see such a nice figure of Parryella

and list - while attending meeting  
of the Botanical Section, Rothrock  
is not far from my sleeping place  
and I see him often, and to meet  
Cady and others at Mr Redfield's the  
evening. If there was any prospect  
of your frustrating up the Botany it  
would do to get "mad." but as long  
as there may be improvements &  
addenda a few more or less will  
not be much matter. I am not  
surprised that Phacelia it is so striking that  
I should hardly have forgotten it. if true  
C. Parryi. It is for the handsomest of  
the genus and it occurs to me it  
might be well to compliment Jos<sup>ph</sup>  
Stanford by naming it P. Stanfordii.

Besides being the RR King of  
the Pacific Coast, his name heads  
the list of persons who have supplied  
the means for publishing the Flora  
I think it would be glad to pay  
you a good figure and I would  
ask him to do it through Dr  
Millsman who is quite interested.  
.243. *Jilia Lemmonii* n. sp. is the  
commonest species on dry gravelly  
plains near Crafton. grows in dense  
patches covering large tracts associated  
with *Arenaria Douglasii* s. & c. It will  
of course please Lemmon to be  
associated with such a neat species  
which all his friends will recognize  
- I would like to ask me more favor  
in the way of personal commemoration  
viz. that 298: be named *Collinsia Childii*

after a nice intelligent young fellow  
who accompanied us on many of our  
trips and made some collections,  
Henry S. Child was in Dr. J. S. Lemmon  
I know would join in this request.  
also Palmer. The species grows  
in deep woods of *Libocedrus* s. c.  
on the range north of San Bernardino  
Mr Child was with us when we  
collected it.

On the article like question I have  
the specimens with me but get  
no light from the collections here  
except that it is certainly not  
*Helianthus Torreyioides*. The tubers  
that he took to the Herbarium specimens  
seem rather wooden but the  
plant agrees with the Minnesota  
specimens which were collected

# DAVENPORT

## Academy of Natural Sciences.

Davenport, Iowa, Sept 20<sup>th</sup> 1877.

My Dear Dr Gray

Of course we were much disappointed at your slipping by us, and in more ways than one, but being apparently unavoidable we must make the best of it. I had laid out several things to show you of Palmer's ~~Roxburghia~~ and my own, but they must now wait another chance. Palmer plants I have been over and was sorting up. It is in the whole rather poor few new or rare things, several however that you will be glad to see among them Amphiscoria Fremontii! good large bush specimen of Petalonyx Pasnyi fr which I hardly think distinct from P. nitidus W. Philadelphus sephyllifolius, Mistonia Scabrella fr! some others you will see in due time.

I have a Bozkinia from San Bernardino which I cannot fit to any description. crenate lobed leaves short persistent petals &c &c It was one of my last snatches but I have two good specimens



well when you get rested, and settled down to  
steady work again we shall hear from you  
The Putnam, will get over their disappointment  
in due time. One of our schemes was for you  
& Hooker to assist at laying corner-stone  
of our Acad of Sciences! now we shall have  
to fall back on the Museum. I have asked  
Sir Joseph to write Mrs Putnam an autograph  
letter expressing his regrets &c. which I hope he  
will do, as it will help to pacify matters  
anxious to know where you went and  
what you saw in Cal & it seems you gave  
Loomis a short call. for which I am glad  
Freene is back in Colorado just missed you  
2 days; he comes East soon. I suggested  
his collecting some Abies seed if convenient  
which will not interfere with Brandege, as I think  
he would hardly make a job of it. he says the  
seed is abundant & - - - Sept 14<sup>th</sup>;

We are glad though Mr frog to hear that your  
trip was a grand success, and that she was able  
to go through it  
Yours truly L. C. Parry

# DAVENPORT

## Academy of Natural Sciences.

Davenport, Iowa, October 16<sup>th</sup> 1877.

Dear Dr Gray

I received your postal yesterday, & sent as requested "Phytogeographical Paper" to Hooker. This week I hope you will have a chance to go over Palmer's plants. I hope find some good things. I send addressed to you a small parcel, mostly of nurser &c to Palmer as he requested. In the parcel is a fragment of a puzzling Boerhaavia from San Bernardino (no. 113.) I enclose my notes in several respects. I seem to differ specifically from B. major fr but may be only a var. I also had an idea that it might be the same as the leaf specimen of Dr Palmer found among coll<sup>rs</sup> marked Hemichlaena? Let me know what you can make of it. Have just got Palmer's letter say to him that I will consider that Mexican specimen and decide before long. Am looking for Greene every day. Unless like you he gives me the slip perhaps he is collecting, canifer &c.

I hope not to overstock the market  
I am not in the way to do much for Sargent  
in Helianthus &c but I will do what I can  
reconnect his Mem. which is on file.

A line from Lemman. He has given a  
very readable account of your & Hooker's visit  
at Truckee in the Pacific Rural Press. but he  
is poor & in low spirits. ~~Betty~~ now sorting  
up my general Herb. a fearful job.

Yours

C. C. Percy



DAVENPORT

Academy of Natural Sciences.

Davenport, Iowa, Oct 23<sup>rd</sup> 1877.

Dear Dr Gray

I send specimen of Palmer 330.  
do not find 329, which I remember seeing among some  
lost specimens. I think however it is = my 194. (of 1874)  
I also send a scrap of Lemmon's J. aggregata var.  
I want to make up a small parcel to enclose  
Boophonia rotundifolia. The exquisite photographs  
came in good condition were highly appreciated. Mrs.  
R. laying claim to the Triad, which was ornamented  
her table in a velvet frame. Mr. Putnam (copy)  
delivered and received, with enthusiasm. acknowledgment  
made at the time in writing to Watson;

Busy lately with some outside work nearly  
finished

Yours C. L. Parry

My good friend H. S. Child's namesake of Collinsville (Child's Bay)  
expected to call on Palmer & you this week

Palmer - Ariz. - 25. - 27. - 29. - 31. - 1877  
600 1000 1500  
Palmer - Ariz. - 25. - 27. - 29. - 31. - 1877  
600 1000 1500

# DAVENPORT

## Academy of Natural Sciences.

Davenport, Iowa, Nov 9<sup>th</sup> 1877.

Dear Dr Gray

Your + Watsons letter with  
additional list Palmer's recd I enclose  
scraps of Lycium No 364 not sent ??  
In 1<sup>st</sup> list you call 283 285 - Calycotome  
Parryi my specimen. has no pink fl.  
with large glands. = C. Wrightii, I as  
we got it in Mex Bot. ???  
Of course Lech Psychotria volucrifolia  
sent. Some people to know it will  
turn up again soon. The Mexican  
scheme seems to be working favorably  
Cady will subscribe \$200. = Martineau  
+ Rejfecto probab<sup>ly</sup> \$200.00 more  
Engl. \$100. - ? I do not yet hear  
from Cady but hope for \$200. -  
Then. I have written to Buckhouse

asking him to subscribe \$50. - which  
I think he will do. in case he receives  
all the seeds for foreign distribution.  
The if you can make up something  
at Cambridge it will be all made at  
I should prefer to start in January  
that leave New Orleans Dec 15<sup>th</sup>  
which will reach Vera Cruz at about  
the same time with the steamer from  
N Y of Dec 6<sup>th</sup> by which Palmer  
will go. must arrange in the  
mean time for letters of recommendation  
to see Mr Parry will go to  
relatives in Philadelphia for the  
winter. There is a fair set of  
Parry & Lemmon's Cal Coll at  
Cambridge left in Watson's care  
to sell; prices & marked, labels written  
out, also a set of Palmer's Arizona  
if that will suit Dr Engler let them  
go via Smithsonian at once

Yours truly

C C Parry



City of Mexico Aug 18<sup>th</sup> 1879

Dear Mr. Gray

I enclose this small scrap in a letter to  
Mr. K. W. We have been here and are in water with  
Lima & more of the Lyons for San Luis Potosi. We  
are not there and know for one of the land we will  
be able to get the place. My friend & brother here  
I find that my old friend Stalder must be  
one of M. Coccinea Linn. I have looked the  
cut, have not seen any special gentleman. I am  
attending meetings of the Society here and had  
very friendly offered to examine collection  
and consult books, have made a few excursions  
in the vicinity. but the storm was in the way  
down in south and with rain. I have been  
examining specimens of what there are several  
of us. Polona is hardly up to a length of  
Polona. This is written in a paper, manifesting  
how late not successful, we can here through  
the use of paper supplies. Hope to hear from  
you before long. Truly yours  
G. L.

San Luis Potosi, Mexico  
May 7<sup>th</sup> 1872

Dear Sir Gray.

Through Mr Parry I send you  
an occasional reminder of my whereabouts &  
doings - I am still stuck here in this dry-land  
boasting the rains only the higher Mts offer  
any painful beauty - I enclose sketch of  
Morania (Jegui!! I suppose) quite plain here  
I notice the forming fruit has 10 well developed  
seeds - the leaves also not revolute &c &c  
The other day I stumbled on the very neat  
& peculiar Eupatorium munanthum!

I have been studying & sketching Cacti &  
at present for Engelm. have a nice apparently  
new sp of the latter which I want to name  
A. Engelmannii. - I write often & send  
encouraging letters which is quite a treat in this  
thirsty land. Palmer left today for Mexico. to be  
gone 2 months will then return here. I shall try to  
stick a little longer but it is awfully tough and  
lonely business. I feel however that I am doing some  
important preliminary work, perhaps laying a stepping-  
stone to help others. The relation of this table-land  
flora to Central U.S. is very intimate & suggestive  
as I hope to show. - We send occasionally small parcels  
to Sargent which he will recognize by Mex post mark  
I hope some at least may reach him. such parcels  
as well as parcels matter if they go at all go at  
low rates even 5 cts per lb! I hope you will  
send your printed Cact. to Dr Barroeta, who is

very clever in the Yankee sense, but  
cannot be depended on for scientific  
work. Schaffner still holds aloof and I neither  
see him or his collections, since he refused  
me an interview.

Glad to hear from various sources that  
such important publications in Botany are  
going on. I shall be delighted to find them on  
my return. Please remember that mail  
matter (printed) directed to me at I am afraid  
will be safely taken care of till my return.

Samuel Putnam seems still flourishing  
and really gaining on his disease which is  
a wonder to all.

Mr. P. now at 51 Bedford Avenue Brooklyn N.Y.  
will forward this enclosure.

Regards to Watson Fordale &c &c

Yours Truly  
C. C. Parry

I may conclude a little later to work north  
towards the Texas line & learn Palmer to  
finish up here.



San Luis Potosi July 8<sup>th</sup> 1878

Dear Dr. Gray, glad to get a sight of your  
hand, once more through Mrs P. I appreciate of  
course the reasons of your long silence but  
you need not be "afraid" to say so --  
I have now fully made up my mind to  
pull up from here last of this month &  
take overland route to Texas, collecting  
much as I can on the route stopping over  
at Saltillo from there going to Brownsville  
or San Antonio. I take my collections with  
me, and will arrange to have Palmer stay  
and finish up here. He is still in Mexico  
but I expect him back this week when I  
shall pack up & be ready for the first  
train north. It will be a good time  
to pass over this dry district & I hope to  
pick up some nice things besides getting  
a connected series of observations.  
I enclose herewith some scraps lately picked  
up, which may interest you especially the  
curious *Monanemus*, *Coryoph.* *Cordia* of which  
H & B say "*a nobis non visae*". I am not sure but  
the 2<sup>d</sup> sp. is here also. I also enclose *Vida Benetay*  
which Schaffner names in hab. but not published.  
If it should prove a good n. sp. please publish  
as it properly can incriminate a very worthy man  
though I don't think much of the author.

I have been half tempted to give Schaffner  
a lesson in politeness, in as strong Castilian  
as I can muster, but conclude on the whole  
to let him alone till I write up my observations  
when I shall have a good chance to show him  
up gently in contrast with our friend Bassett.  
Some weeks ago I addressed S. a note asking  
the privilege of examining his collection of  
Agave. to which he has deigned no reply  
so that furthest up our personal intercourse  
Bassett got the pamphlets all safely &  
is much pleased, he will be useful in time  
but it is best to specify just what you  
want him to send, he might send many  
things by mail to Sargent, if he was supplied  
with suitable envelopes & wrappers  
I send things at random to Sargent, some  
of which may reach him in fair condition,  
among them a dish shaped tuber Piperum,  
which will make a nice pot plant, grows in  
my rock crevices! what I have called  
Agave Engelmannii of which I have a large  
supply of seeds Engel says "Beschermeria &"  
Glad to hear of the progress in Flora  
Index &c. My work here will I think prove  
more interesting in its relation to N.S. Flora  
than you suppose, equally in the presence  
and absence of western interior sp.  
Regards to Mr. J. & Watson & "Max"

Yours

C.C. Parry

# DAVENPORT

## Academy of Natural Sciences.

Davenport, Iowa, Sept 13<sup>th</sup> 1878.

Dear Dr Gray

Just reached home after  
a very tedious & difficult trip, by the  
frontier, via Saltillo, Monterrey, Laredo  
San Antonio, left San Antonio August 3<sup>d</sup>  
by Mexican coast train 3<sup>d</sup> Day and  
was attacked by inflammation of eyes  
which kept me nearly blind 'most of  
the way across the desert to Saltillo.  
Stopped at the latter place 10 Days to  
reconvalesce, then by way of Laredo via Monterrey  
& Laredo to San Antonio. I managed  
to pick up some nice things on the  
way, & the season was unusually favorable  
abundant rain &c. will pick up

few things to send before long. We are  
now expecting Dr Engel & wife to make



us a visit in return from Menominee.  
Expect a good time. I am busy  
laying out things to examine  
the Potamo are well, and laying  
great plans to visit the English  
Place. I will send as soon as possible  
by mail, all the late issued botanical  
matter, especially Watson's Index  
your Synopsis, with bill of the same  
(including postage) which I will remit  
of Postal order. Say to Watson I have  
good fruiting specimen of *Platanus Mex.*  
I saw in Herb. Engl. what I look to be  
*P. Waigani*. I have also leaf  
specimen of *Populus mexicana* from  
Saltillo. I am not certain if the *Populus*  
at San Luis is the same, but I have  
full material for it.

Found the Parry well not here, I  
me for over a month had been quite  
anxious, but Academy in new building  
is splendid, a room has been fitted up  
for my special benefit. I. t. missed  
freedom. I was very sorry

Yours &c

L. C. Parry

Left Palmer at San Luis I found in collection

# DAVENPORT

## Academy of Natural Sciences.

Davenport, Iowa, October 5<sup>th</sup> 1876.

Dear Dr Gray: I am getting in working trim again, enclosed P. order for \$5.00 to pay for Flora. I have taken time to consider Helmsley's letter, I think he is calculating on too big a job. My collections (which will not exceed 500 sp) were mainly with a view to connect the Mexican table-land flora, with U. S. and that is the point which I wish especially to bring out, which the larger work in progress will only briefly refer to. I do not think the determinations will be difficult and "Yucca hebbel<sup>m</sup>" is probably nearly as well supplied as Kew with N Mex plants. At any rate what you cannot name readily will make but a small parcel to be sent else where, I think I would be willing to send a quite full set to him from my own interest in the collection (1/5) receiving in return their determination of doubtful things and also a copy of the large work now being published, I to do the numbering & arranging in sets for subscribers. I suppose Palmer's interest

also (15) he will want to sell. Palmer writes  
Aug 28<sup>th</sup> that he is making collections on the high Mts  
near St Louis - but the rains have injured his plants  
I hope he will get some interesting additions.  
My collections on Mt Metamoras waiting the raising  
of quarantine blockade. will hardly reach here before  
November. - I am now selecting and will send you  
soon a set of <sup>the</sup> Compositae collected on the route  
from San Luis to San Antonio.

I think I told you the genuine Solanum tuberosum  
grows near San Luis. the tubers sent to Sargent  
different. They have raised them here quite respectable  
size (2 inches diameter) The genuine brought to market  
by natives is called "Papas Castellanas" or Spanish potatoes.  
I have good flowering specimens indistinguishable from  
cultivated. It has not escaped cultivation. In shape  
to say potatoes are not cultivated in Mexico, only  
the wild ones used. An Irishman in Saltillo. tried  
hard to raise the cultivated species but did not  
succeed. I have told Palmer to collect ripe fruit  
& fresh tubers.

Please ask Watson to send his Populus paper  
which I have not seen. will send Populus &  
Platanus in Canada parcel.

Yours truly

C. C. Parry



# DAVENPORT

## Academy of Natural Sciences.

Davenport, Iowa, October 29<sup>th</sup> 1878.

Dear Dr Gray

Thanks for list 1 & 2 just received.  
It is satisfactory to see so large a percentage new even?  
from such random gathering. A good active collector  
could make a splendid haul by putting in a season between  
Monterey & Saltillo including the high Mt Volleys not  
hard to reach but involving hard work and some risk.  
I was in hopes Palmer might do, but I find like  
all us old codgers, he knows how to shirk hard work.  
I would like to get data of Mexican collections &  
collections in North<sup>n</sup> Mexico for past 50 years.  
I have written L. Hooten about it.

I enclose localities of specimens sent - I suppose I  
may as well send on the monspetelae unless you object  
to dividing the work. There are some nice apetala.  
I was surprised to find Eriogonae, so rare only one sp  
at San Juan. 2 on the coast? American seem to take  
their place

No word yet from my boxes. guaranteed at  
Metamoras. they are to be released by this time  
nothing late from Palmer. he should be leaving  
San Luis about this time on route to Tampico.  
I am right well again & hereby the Putnam  
lively. remind Watson about his Populus paper.  
which I do not yet

Yours &c. C. C. Peavy

# DAVENPORT

## Academy of Natural Sciences.

Davenport, Iowa, December 27<sup>th</sup> 1878.

Dear Mr Gray

Some time since I wrote to Mr Helmsley at Kew in answer to one from him. The arrangements are all satisfactory and your suggestions will be carried out. To my great annoyance however my collection has not yet come to hand. I was getting quite anxious about it but yesterday I received letter from forwarding house in Galveston Texas to say the boxes had been shipped 21<sup>st</sup> inst via New Orleans so that I shall hope to receive them in a week or two. Then I shall at once proceed to sort up & distribute with numbered tickets. Mr Helmsley is anxious to get the polyptelea as soon as possible is delaying the printing till he gets my collection. I shall need to hurry up at least that part. Palmer writes that he has sent 3 more boxes devoted to me here. I fear they will hardly come to hand before Spring but they should contain some nice things from the Mt Diablo near San Jose.



Palmer sent in some of his boxes to F.M. Putnam  
Peabody Museum. - some parcels of plants collected  
near city of Mexico. I think they were directed to you.  
I doubt if they are of much account. but if you  
had time to run over them hastily, and see what  
there is selecting out a set for Kew. or if you  
think best send to me to incorporate in the  
general collection. Palmer sends ~~some~~ from San Juan  
a genuine hickory nut (Carya) which must be distinct  
from the S. Mex species. By last accounts from  
him of Nov 14th he was well soon to leave for the  
coast at Tampico. I have not heard of his  
being unwell. Though he is quite susceptible to  
Malaria. How nice to have Shiota turn up at  
last! Why some botanist could not have had the  
glory of rediscovery - We have lately made an  
important Archaeological find. a man's wooden  
pipe representing a genuine Elephant with proboscis!!  
showing that the man's breeders of this vicinity  
knew the living animal!! we shall have casts  
& photographs to distribute. We are having some  
winter weather good sleeping. Mr P joins in  
compliments of the season also Mr Putnam &  
Duncan.

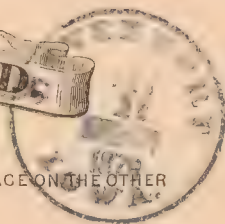
Yours truly

C.C. Perry

Davenport, Iowa Feb 25/18

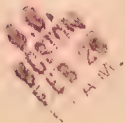
Just finished sorting up the set of  
Compositae, numbering up to 500. The  
Compositae count up 242. You should by all  
means have the working of them up as the  
... right into one flora. will finish sorting  
this week; then to distribute. will make up  
at least 1000. Polypetalae gone to New

Done - C. C. Parry



WRITE THE ADDRESS ON THIS SIDE-THE MESSAGE ON THE OTHER

Mr. Asa Gray  
Cambridge  
Mass





Davenport April 3<sup>d</sup> 1879

Dear Dr Gray

Here is reference to  
Herb. Case paper, and a loose sheet.  
I have made no modification. Though I  
I have in view an idea to make the  
3<sup>d</sup> upright case open by a single door  
from above down, with a stop when hori-  
zontal to use as table (see rough sketch)  
The real important point is the bevelled  
edges to the doors going away with sharp corners  
and allowing cases to stand close together,  
I would also prefer a strap hinge on inside  
to make stronger -

I am still wading through Mexican plants  
Palmer last parcel was in miserable  
condition much of it worthless. very few  
desirable things. but I had to go through  
it to pick out. I was glad to get

foliage of the Hickory which can hardly  
be any S. U. S. sp.

I have now finally packed a box for  
you containing ballans of set have  
added for Museum some odd things  
fish, fruits &c &c

Next week I shall be through distribution  
I will send off sets to subscribers  
yours will go as fast freight. They  
will be arranged in convenient  
bundles marked on outside so that  
you can get at special orders without  
going through the whole pile.

Mr Joseph Hooker acknowledges the  
receipt of Polypterus sent some  
time ago. I am tired of this  
rough overhauling which uses up my  
nervous energy in no time for special  
examination. I hope Sargent can  
raise some of the plants from seed  
Sent

Yours truly

C. L. Parre





diagnose, of which will  
shortly appear in the  
second part of my  
diag. etc.

I must send a list  
to Dr. Gray in order to  
avoid clashing.

Meanwhile if you are  
writing to him, will you  
kindly tell him what I  
am doing, as the names  
are already printed  
on the plates.

We have not done much  
more with the *Polypetalae*  
yet, having got on as far  
as the *Eggeniaceae*, as  
I have been engaged  
describing the new species  
of the early orders, &

enable us to start printing.  
Your numbers will be  
quoted in every instance.  
I will write again as  
soon as I have anything  
of interest to communicate.  
Frustrum must close  
before we get to the end  
of the collection.

Yours truly  
W. H. Hensley



I have been thinking of you very much lately  
and wondering how you are getting on.  
I hope you are well and happy.  
I have been very busy lately but I  
will write you a few lines.  
I have been thinking of you very much lately  
and wondering how you are getting on.  
I hope you are well and happy.  
I have been very busy lately but I  
will write you a few lines.  
I have been thinking of you very much lately  
and wondering how you are getting on.  
I hope you are well and happy.  
I have been very busy lately but I  
will write you a few lines.

Yours truly,  
[Signature]

[Faint vertical text or signature]



(Newport. May 26<sup>th</sup> 1878

My Dear Dr. Gray

So now I wish to drop the whole matter  
I am ... to meet any pecuniary claim  
on me whether reasonable or otherwise  
but I am unwilling to carry a burden  
of discontent that will unfit me  
for necessary work; I have not even  
mentioned the matter to my wife  
who as my faithful assistant knows  
how much of the grateful work I have assumed  
to make the collection a success. I keep  
no record, the correspondence and shall  
try to forget as soon as possible.  
Please consider this in the same light &  
then read send to the waste-basket.  
Primit. It is humble you again &  
Thanking you for all your friendly interest  
in the matter I am

Very truly yours

C. C. Parry

Canby's letter in  
answer to my explanations of which he  
says he sends you a copy. makes  
matters worse rather than bet.  
I answer briefly and feelingly, expressing  
my regrets and declining all further  
correspondence on the subject, having  
given all the essential facts in the case.  
I made out a fair money estimate  
of what I had so far disbursed - of  
the general collection without asking  
the formal consent of subscribers,  
amounting, sum total to \$180.00!  
I have asked as a special personal  
favor to be allowed to return this  
pro rata, to any who may feel oppressed  
at my disposition of the plants. I can hardly  
hope they will accept but that would be  
much the easiest solution of the  
difficulty

It would have been an easy matter  
to show up the unreasonableness of many  
of Cady's suggestions. he intimates that  
you had no share in the distribution  
not recognizing that Mr Sargent's subscription  
was over 7 years. in the interest of the  
Bot garden & Herb.

His complaint of scarcity of Cacti  
& Conifers, pertains necessarily to the  
whole collection, and not his particular  
share. he should have had enough  
of sense as a collector to know that  
such things cannot be packed away by  
a traveller in an inhospitable country  
like grass. and besides are next to  
worthless without notes.

In reference to Mr Redfield. I think  
it would have been in better taste to let  
him speak for himself. and fortunately or  
otherwise I have written Mr R. a confidential  
letter on the subject. besides the distribution  
is not complete. I was only anxious to  
get the load off my shoulders. & then

go -leisurely to work to put all out  
"where it would do most good."

Just now I am upset. having my  
work room plastered. but in some, as  
the finished I shall at once  
distribute the surplus. and get the  
whole thing off my hands.

In reference to Palmer's supplementary  
set. on which you seem to set a high  
value. I feel that I have really nothing  
to say. as it was made after the close  
of the collecting season (Dec & Jan.)  
at personal expense, if he chooses  
to incorporate into the regular sets I  
certainly have no objection. my single aim  
was to get <sup>it</sup> in the hands of Colabret. so  
that the scientific results might be made  
available and to Palmer receive due credit.  
then I was anxious that he should at least  
realize actual outlay causes. hence suggested  
disposing in bulk to Vasey, which has been  
done by his permission. I still retain some  
of the material here subject to his disposal.





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# *Polium hyemale*

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*[Faint handwritten notes, possibly bleed-through from the reverse side.]*







It appears you must have had a few  
strange Mexican plants in blossom too.

(The narrow. The best of the ...  
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Handy, sent 1 for names of ...  
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187 T. Mexican Hand

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Unpublished Herbarium 1895

June 10, 1905

Herbarium, seeds & fruit from various 2

Polygalata

- 129 Lupinus caninus Hemsl  
130 L. cylindricus ?  
131 Dianthus Berry, Hemsl  
132 D. Balaus Hemsl  
133 D. spicata D.C.  
134 Lupinus caninus M.H.  
135 Rhynchospora Hemsl  
136 Calceolaria Hemsl  
137 Begonia Hemsl  
138 B. Balaus Hemsl  
139 Cassia Hemsl  
140 C. Balaus Hemsl  
141 Callisandra Hemsl  
142 Acacia Hemsl  
143 A. Balaus Hemsl  
144 Mimosa Hemsl  
145 Acacia Hemsl  
146 Pithecellobium Hemsl

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C. C. ...







3939 Chestnut St Philadelphia  
April 21<sup>st</sup> 1880

Dear Dr Gray

We have been here  
nearly 3 weeks. will leave next  
week for Brooklyn N.Y. to stay  
a few days. our address there will  
be 56 Bedford Avenue. Brooklyn 2<sup>d</sup> N.Y.  
after to Westford. Windham Co. Conn.  
I may conclude to make a short  
trip from N.Y. to Boston. Tomorrow  
we go to make Carly a visit. for  
the day. will talk over Mexican  
plants &c. Of course I have now  
seen Shortia. i.e. Martin Dales \$14. - Sh!  
I just get from Dr. Druncker some  
seed of Tagetes Parryi. raised there  
from our seed. It does nicely there  
as a winter glomer. till checked by  
frost. is now "growing vigorously from  
the old roots". most of the seed seems  
abortive. but a few plump achenes. (over,

I enclose a parcel in hopes you can  
get some to grow. if nicely started  
in the open ground it can be  
transferred to the house before frost  
& bloom freely till N. Year  
I have for you & Hooker from  
Angel - some specimens. (fl) of  
Catalpa speciosa Warden

On my route here I staid over one  
day at Washington. Called on Vasey.

Baird shook his head at the Elephant  
pipe. suggested a framed. but that  
will not do.

Hensley sends a nearly complete list  
of the Mammetolas Mex coll. some  
gaps, - says 10 or more new Solvias!  
will bring the list with me. Canby  
has it now. Caruthers wants all I  
can spare him of the Mexican plants  
and others. getting ready to move  
their Herbarium to Kensington

Hope to find you well & happy

Yours  
C. C. Parry



Oalla Inga Aug 16<sup>th</sup> 1850

Dear St. Gray

I have been several times on the point of writing to communicate some passing information but something has prevented. Now I have a leisure & in my return from the Upper Columbia that I cannot well put in any better especially as you may soon be on the wing across the Atlantic. It would be rather inspiring here on the track of Douglas & Nuttall if I could find more of their plank but this is now the dry season in the land and a little to see. To go back a little. I must say that in company with Sargent & Dr Engelmann. we made a rapid

Barry

trip, in the ordinary route of travel  
from the Columbia River to Puget Sound  
thence across the straits of Fuca to  
Vancouver Island. Thence across the  
Georgia Gulf to Fraser river & up  
that stream to the head of Steamboat  
navigation. Making here & there side  
excursions to interesting localities,  
including one climb to the snow  
line on Fraser river. Here we  
encountered the usual alpine plants  
of that district & some rare canifers.  
On our return at Victoria V.I.  
we called on old Dr Tolmie. of  
Hooker & Bn Am. found him a nice  
genial old gentleman. with a sprightly  
family of grown up sons & daughters  
(half breeds). His wife a full blooded  
Indian (Princess) had died about 6  
weeks previous. We saw there some  
interesting mementoes of Sir Wm Hooker  
in the shape of presentation volumes  
of Ruf Btany. Dr Tolmie was

2 Aug 11 '90

Kind request to lend us a copy  
of Douglas's journal. (printed in a  
Sandwich Island Journal) by which  
we have been able to trace out on  
the map his direct routes, and  
dates of collection, &c. &c. Dr T. has  
forgotten all his botany and did not  
even know his own genus Almeida  
which he wanted us to show him!  
On our return to Portland, I suggested  
to Mr Sargent to detail me for  
some separate work, as I did not  
fancy hurrying over the country - and  
a good opportunity offering. I formed  
a small party (with Mr Suksdorf a  
brother of the collector) for Mt Adams  
one of the high snow peaks, north  
of the Columbia, in a line with Mt Hood.  
It succeeded well. The Suksdorfs  
a large family of Germans were  
formerly from Devonport, and some  
of them had known me in connection



with the schools. So I was made  
quite at home in their circle. which  
lay directly in the line of the route  
to Mt Adams. — So they got up an  
exploring party for my special benefit  
and from their lower farm station on  
the Columbia at White Salmon we went  
directly north over a good road to  
a place which used to be known as  
a summer dairy — Here I fell in  
with Wm S. the collector, a modest  
intelligent farm boy, who was putting  
in his spare time (not much of that)  
in collecting & studying plants. They were  
then milking 70 cows, twice a day,  
& making 70 lbs of butter per day.  
It was with difficulty that he could  
be spared to join our mountain party,  
but I insisted on his going. So by a  
quite easy ascent over a good trail  
we reached the south slope of  
Mt Adams, and made camp among  
the snow drifts 20 ft deep. (7000 ft alt)

Aug 11/90

On account of the unusual depth  
 of snow last winter, the vegetation was  
 backward but still there was a  
 considerable exposure of alpine flora  
 from 6000 to 8000 elevation,  
 among the varieties may be noted  
Rhododendron albiflorum, Spiraea tomentosa  
Bryanthus impectinifolius, and a  
 white fl. Bryanthus ?? I suppose  
 one of the higher arctic species of which  
 I enclose a specimen. The highest  
 tree growth was Picea abies var. mariana.  
 Such I think only a var. of P. flexilis  
 and Abies milne. Isopyrum patersonianum,  
 lower down I saw a single authentic  
Picea Engelmannii not at  
 all approaching P. alba. At lower  
 altitudes occurs the genuine  
Abies amabilis, Dougl. which Dr. ?  
 still thinks a Mal form of  
Abies grandis!

I endeavored to encourage him,  
Sukidof all I could, to continue  
his collections, and gain him such  
suggestions as occurred to me  
to help him. As they belong to a thrift-  
ful German family & in promising  
circumstances for money making I  
should hope in time he may do something  
what he specially needs more is books,  
leisure & encouragement. I received  
from him specimens of *Sukidofia*, which  
is now fast flowering.

I have not yet met quite other correspondents  
Howells. I also hoped to have met  
Rev<sup>d</sup> Mr. Nevins who is stationed in  
the interior, still interested in botany.  
I am now on my return to Portland  
where I expect to hear from the rest  
of the party & decide what course to  
take either joining them at Shasta  
or returning to San Francisco. Dr. E.  
seems quite lively but does not enjoy  
the hurry & push of Largent.



I think as soon as he completes  
the most important investigations on  
the conifers he will take his own  
"slow & sure" path. Sargent is anxious  
to get round to San Francisco by  
1<sup>st</sup> Sept & thence by some Southern  
route home by Oct 1<sup>st</sup>. I hardly  
expect to join him again but  
will decide on my return to  
Portland & when I hear more of  
their movements

Sam now was to join them at Shasta  
from San Francisco. Mr Butler a  
correspondent of Dr Engelmann -  
was also in that district &  
wanted to join them. So I think I  
may well be excused and take  
my own slow "pattering" course  
which if it does not accomplish  
much has its attractions,  
Of course we are all anxious to  
see Bot Cal Vol II, and to  
know more of your doings & plans

I have been up the river as far  
as Walli Walla. to see the country  
too dry at this season for collecting.  
This is a very picturesque section of  
the valley on the dividing line  
between the humid & dry districts.

If you get time to drop me a  
line please direct to Davenport  
when I suppose Mr P. is returned  
now ready to join me here in  
October. I heard nothing of Watson  
in the Blue Mt district.

Hope to hear that you are well  
& hearty in preparation for your  
important trip to Europe we  
shall follow you with interest

Yours Truly

C. C. Parry.

P.S. I measured a leaf of Fatsia lanata <sup>the Columbia</sup>  
2 ft 1 inch in diameter I have found what  
I take to be Sellew's tree Oreocarya ?

Collins Cal<sup>a</sup>. March 10<sup>th</sup> 1881

Dear Watson

I have your letter of 26<sup>th</sup> ulto. & I am not willing to trust  
specimens to 2<sup>d</sup> hands, so I am  
working it up myself. Have already  
traveled over 1000 miles back & forth  
to watch it. I have now 3 plants  
just breaking into flower in a box  
at my window. When I get through  
I will report. I shade perhaps by  
a small mercantile speculation & judging  
too is more brutal in the market  
but that will have to wait till it  
becomes dominant. It is now in full  
fl. I am rather disappointed in its  
botanical features - but it is at  
least fair & fragrant. Some curious  
features of the bulb that I have not  
yet satisfied myself of. but I think  
it develops downward. all this will have  
to be carefully studied & etc.



on a short trip to the Coast at  
St. Monica. I found growing together  
in hard gravelly soils *Sphaerium*

*glaberrimum*, with a *Calandrinia maritima* <sup>W.</sup>

of which I have of course secured  
about 1 specimen. I enclose a  
fresh one of the *C. maritima*, which  
I am keeping in bloom at my window.  
I am just back from a short desert  
trip with Parish & Wright. Do not  
find much in the way of novelty, but  
some better material. I have for a  
long time thought that the Desert  
~~*Dryopteris*~~ <sup>*Maritima*</sup> (whole fl.) quite distinct  
from all *Dryopteris* on the Coast. I  
have now good material & will  
compare fresh plants and see if a  
satisfactory diagnosis can be made with  
the dried specimens. It will give a  
fair idea of the plant.

*Polium* does not seem inclined to flower  
this season, and is rare.

Mar 12 '91

I expect to go soon to Fresno in  
New Mexico may visit Bingle  
there, but thought to be in some  
flower at once, now are unfortunately  
and big enough to divide.  
I must at least collect Stanfordia  
and get seed for cultivation. Also  
the Carphocarpus.

I have now seen a good deal of  
Washingtonia filifera and noted its  
geographical distribution & so it  
is a pity that in almost every case  
it has been crippled by frost. In  
fact the best natural specimen  
is the one growing in Los Angeles  
& which you have a photograph  
I am collecting Sphaeria now. of  
which the interior desert form seems  
to be Carphocarpus. 3 bracted & 4  
more see later

I shall have my hands full  
from this on.

Vasey is down in Arizona &  
will work in to El Paso. He  
made out to collect 20 sp of  
Hesperocallis for his sets! and are  
in the early flowering. - My buds  
are just breaking loose and I  
must stop to give them more  
sun. The fragrance is rather faint  
but delicate

Yours truly  
C.C. Perry



Homoskela area is a common  
bird over all the hills & lots about  
Los Angeles, in beautiful condition  
now. I met Rev. Verin here a  
very intelligent gentleman.

Los Angeles April 12<sup>th</sup> 1881

Dear Watson

I am tired of being  
very impatiently waiting to break up  
an agree contract on my last  
trip down the coast as far as  
San Luis Rey

Picked up a few desirable things  
but hardly enough to pay me for  
shaking. This is my child day, but  
I think I shall start. A gift  
I am now doggy with a heavy  
box of specimens

As soon as I get well enough I  
shall go up to Tulare to collect  
Stanfordia. Perhaps go on for  
a San Francisco & perhaps on  
my return. Stop at Fresno & see  
Carpenter's ?

The " " have promised to meet  
Frederick at Silver City who will  
return with me to California

There are many things in the  
Mojave Desert to be looked up  
and I shall try to sketch the plants  
- the birds as they are active &  
ambitious. They are making some  
excellent specimens of new plants  
and are very nice promising fellows  
My *Dryas* *colandifolia* is the  
common species in Mts about  
San Bernardino it flowers late  
Parrish will collect it in quantity

My *Hesperocallis* speculation, however, led  
to a complete failure (commercially) when  
I went down to Sacramento Valley latter  
part of March, very trace of the  
plant had disappeared. It was  
away in a sand stream, fortunately  
very near it to collect about  
10 good fl specimens. and I have  
left enough to test fully its adaptation  
to cultivation. no capsules secured

On a little visit west to High  
in desert some new plants. some  
"see 1 2 3" (over) in California  
among them

*Holacanthus* *polyphyllus*

*Lycium* *californicum*

*Utricularia* *corrusca*

*Psoralea* *Schottii* this last

a regular shrub 2-3 ft high with  
a stem often 2 inch diameter. I saw  
this in the Pecos. for free  
I saw then though I do not think  
of just now

I enclose some scraps with  
notes accompanying

I sent for specimens of  
*Holacanthus* *Emoryi* to Sargent for  
free Herb. That leafless shrub  
from Mojave is strange & quite unknown

L. B. Parry

Academy Science San Francisco Cal<sup>a</sup>  
Aug 27<sup>th</sup> 1881

Dear Dr. Gray

We have missed for the past year  
your pleasant correspondence. I have often in  
my wanderings felt in with interesting botanical  
Data, which I wanted to communicate, but the  
distance & uncertainty hindered. Now I hear that  
you expect to return this fall, and hasten to  
reach you with a small item that has much  
interested & puzzled me. The enclosed Diagnoses.  
I cannot make fit in any of the genera  
intermediate between 2 & 3.) I hate to make  
up another monotypic genus, and have been  
trying to see if it could not be squeezed into  
Menocaulis. along with Hollisteria, Watson. I have  
examined Hollisteria carefully; but do not get  
rid of Menocaulis; Cleveland being away from San Diego,  
So if you have time before leaving I wish  
you would look at it and ask Mr. Britton,  
opinion. I see Swerman for New York &c.  
I shall have more for Cambridge. I  
have not yet sent it to Wats.



11. greenish stem a free set of stamens  
perianth 6 parted stamens 9; anthers oval triangular,  
radicle decumbent & longer than chylodons.  
The puzzle is what to call the  
irregular 5 spined whorl subtending the  
cluster, 20+ fl. if it can be regarded as  
a whorled bract and the outer row of bractlets  
an involucre. It might go into *Nemacum* as  
far as I can judge from the description.  
Other characters you will see from specimen  
If a new genus what to call it?

In this same connexion I am also  
studying *Chrysomela* & *Oxytheca* of which  
I have some interesting material. especially  
an *Oxytheca* with a perfect fringe of *theca*  
crowning the staminal involucre 28-35!  
I would like to call this *O. viridula*, a constant  
but fear I shall have to give it a personal  
name after discovering C. Parish. San Bernardino!  
See page after he is going for the Woodlark  
Mts. we hoped to see Engelmann here again  
Expect to winter again in S. Cal. Kind regards to  
Mrs Gray Sir Joseph. Mr Bentham. Baker &c &c

C. L. Perry

Academy Science San Francisco. Aug 29<sup>th</sup>/81

Dear Watson

I am at present very much taken up with  
*Eriogonum*, especially the smaller species.

I have lately collected both of specimens of *Chorizanthe*  
*C. spinosa* & *C. Fernandina*, both fully mature.

In the case of *C. spinosa*, which comes from Mojave, not  
"San Bernardino" you do not note an important character  
viz: the larger long-spined involucres, contain quite constantly  
2 fls in different states of development and the smaller  
(less developed) involucres show traces of an abortive 2<sup>d</sup> flower.  
The cotyledons in this are unusually large & deep green accented  
by the curved radicle.

In *C. Fernandina* the cotyledons are small, indistinct straight  
and when the seed is left in water to soak, it  
and its long thready radicle out of the involucre nearly an inch!

There, perhaps than all (from the same Mojave district) is  
an intermediate thing with the spiny involucres? of *Chorizanthe*  
the many fls of *Eriogonum*, and the free bractles of *Nemacaulis*  
otherwise its floral & seed characters just *Eriogonum*! As soon  
as I came up my mind what to do with it I will  
send specimens & notes. I write L. Cleveland to send  
specimens of *Nemacaulis* to see if it could not be squeezed in

Aug 21 1891

that Limesome gives, but he is unfortunately not at home and I have only the description to go on. In the same connexion I have examined *Polystichia* from Lemmon's original specimens. See letter to add to your description except that I would regard the cauline leaf & stipules? as more properly a trifid bract being in the same plane and a vaginal sheath continuing round the stem which makes up the fragile joint. The only question is whether this too might not come into *Monocaulis* by extending the characters so as to make a respectable genus of 3 species? ?

While engaged in these examinations comes in from Parrot a most remarkable n. sp. of *Styphelia* agreeing in all the general characters. But the surface is closely ribbed with strong nerves which are indurated behind the apical summit into a fringe of awns 20-30 like the rays of a pappus. So the generic character will have to be enlarged again to take it in, what is most remarkable is that this plant comes from near the same locality as Wright's *B. incana*, I expect to publish this in Dawson's Acad. Proceedings as *B. Parrotii* (with name *B. Parrotii* n. sp. (name)).



2/21/11

Pringle here + gone to Texas she is short. he  
complains of being "hard worked." his assistant  
has left him. I spoke to him of the difficulty  
with Semmon which he does not seem to take  
to heart as Mr Davenport. as he saw enough  
to appreciate Semmon's weak points. So they probably  
understand one another

Semmon has returned to Arizona and speaks  
enthusiastically of the rich vegetation since the rains  
have been collected plenty of Bygonia rotundifolia  
and also seed of that & Naima Parryi  
I expect to remain here till October making  
short trips in the vicinity and as far South  
as Mojave. perhaps later into Arizona &  
then make winter quarters at Cotton.

Eugelmann I suppose is on his return from  
Colorado he should rather have come here & finished  
up his work. So Dr Gray is to be home this fall  
and we shall have Compositae finished!

But I am firing you Mr P. joins in regards

Yours truly

C.C. Parry

Pringle's note says at his mother's house



Colton, San Bernardino Co Cal  
Dec 26<sup>th</sup> 1881

My Dear Dr Gray  
It will not do for me to let  
the holidays pass without sending you at least a  
kindly greeting, and wishing yourself & Mrs Gray a  
Happy New year (in which Mr P. earnestly joins).  
In fact not a day has past for many months that  
you have not been in our thoughts. I need only  
mention as example a most delightful week spent  
last November at feel Bidwells magnificent  
country seat, where you are most kindly remembered  
and as our various drives over the Bidwell Ranch  
your visit with Mrs Gray, Sir Joseph Hooker &  
Mr Muir were a constant topic.

Now I must say at least something of Botany  
as I am finally settled down to winter quarters  
with every convenience (except books!) knowing the  
pressure that would come upon you on your return I  
have withheld much I wished to consult you about  
and now only venture in a partial distribution of what  
may specially interest you without taking up too  
much of your time.

I was very glad to adopt your nice name for  
my new genus, Erismar & now send specimens  
with printed labels. - also the 2 n of Oxytheca  
O. Parishi & O. oxyphylloides of which I have



2

Dec 26 '81

sent some time ago Descriptions + revision of  
the genus to Dr. Acad Proceeding, of which I fear  
the printing will be delayed by the death of  
our dear promising friend J. D. Putnam on  
10<sup>th</sup> inst.

I also send a very curious Cordylanthus, near  
to C. mollis, but can hardly be a mere variety it  
is from near Stockton on Salt flats. I hesitate about  
naming it C. clavatus or C. spicatus ??

I also enclose specimen gathered within a week  
of Antirrhinum cyathiferum. Benth? collected at  
Maricopa on the Gila.

What is the enclosed Lycium - also from the  
Gila. I have others that I feel doubtful about  
A curious Julia yellow fl' from Merced collected  
in June. can hardly be J. Breweri.  
also J. leucocephala from near Los Angeles. which  
looks green.

Mr. Greene has probably sent you his J. heterodoxa  
which were collected together in Napa valley in  
June. Mr. Greene has conferred with you on  
Hemizonia - to which we have made some nice  
additions I collected H. plumosa in fine condition  
in bet. near Antioch.

Lemmon keeps lively - but emaciated and somehow  
manages to keep in hot water with his botanical  
associates. he is greatly elated over the new Plumaria

3

in complement to his wife "Amabilis" <sup>see 26 71</sup> -  
he terms her. They seem to be struggling  
for want of means to live in which may  
account for some of his peculiarities. He  
& friend have lately had a severe falling  
out for which I am sorry, as he needs all  
the friends he can keep. The Parish brothers  
in San Bernardino as you will learn from  
Watson are turning out 1st Class collectors  
and nice intelligent men. It was one of Lemmon's  
blunders to have had a falling out with them  
also. which I have been trying with poor  
success to make up.

My own botanical ambition is narrowing down  
in the desire to perfect our knowledge of imperfectly  
known plants from living observations, and encouraging  
younger men to enter actively the field of discovery  
that is now being opened by RR extension.  
But tell me, I hear that "Dear old Bentham" is  
dead. I only saw the briefest notice from an  
Italian correspondent, and hoped it might  
be a mistake! Such a wonderful worker, who  
has compassed the world with his systematic  
labour his loss would make us all mourners.  
I must close at present. Regards & complement.  
to Watson Fordale &c. A. King yours L.C. Varney

Mail Parcel  
Sent -  
then date



Collins Cal<sup>a</sup> Dec 28<sup>th</sup> 1881.

I send by mail parcel, some recent collected seeds.  
What can I do with 5 or 6 lbs of Ononis tessellata? You  
(will see by sample often 4 to 5 seed in pod)

Yucca fil. per acrocampa. Saxifraga Wheeleri.  
Agave Palmieri? etc. all desirable & rare  
plants. Should I send to Sierra though Sir Joseph?  
I am expecting Freeman Miss mission on route  
to N. Mex will go with him as far as Summit.  
Holcantha Engelm. seedling, in quere. I have  
some to send

Yours  
C. C. Parry



CA.

WRITE THE ADDRESS ON THIS SIDE - THE MESSAGE ON THE OTHER

Prof. Asa Gray  
Cambridge  
Mass

STATION  
DAN  
BAM

Colton. Cal<sup>a</sup> Dec 31<sup>st</sup> 1881

Dear Dr. Gray

Here is a Madia?  
of the Anisocarpus section that  
does not answer to any described  
species in Bot. Cal.: may be  
a more northern sp.

It is abundant in moist rocks  
at the foot of upper Yosemite falls  
growing with Gnaphalium virgatum.

I collected plenty of nice specimens  
of Blandina Californica at same  
locality.

I will send you soon all the  
desirable or doubtful Compositae  
I have picked up this season.

Perityle Emoryi var. nuda was  
splendid on the file. 2 weeks -  
dry here yet. Good time for  
dr. botan.

Yours &

C. B. Barry



P.S. Greene here a few hours on his  
way to N. Mexico. He spoke feelingly  
of Lemmon's "misrepresentation." You  
will hear more from Pringle &  
& we had the volumes of "The  
"Amiable & Science" on the Pacific  
cause should be to send  
thanks to Watson for "Counting on  
it."

Colton. Feb. Jan 22<sup>d</sup> 1882

Dear Dr. Gray

While waiting upon determination  
of Camposite sent. I thought I might write  
you a brief endorsement of my application to  
Mr. Nickerson for a 3 month pass over his road  
now nearly completed between this place & San Diego.  
If successful I would then try to clear up some  
of those doubtful points in the botany before going  
North or returning East. If he should be unwilling  
indeed to go then ask for travel over the  
35° Parallel route later. Please therefore add  
that you think it safe to make the same  
same - being able here yet and not much  
time for early returning but more promising  
towards San Diego. On your suggestion I  
sent all my surplus seed to Vilmosen & Andrews &  
asking them to buy or sell on the best terms.  
I keep up correspondence with Mr. Greene  
feels rather sore over your criticism re. the  
matter with Kingle is concerned. I can only say  
that I am satisfied that he acted from the best  
intentions, and though I was, I think, the

and I am sure he would be very soon,  
but I am a little in securing them  
for you. Especially when you were out of the  
country, & your return uncertain. I am sure  
he did not retain you. I have any specimen  
in the world but in the world's sake all  
he had to give you was a specimen. Mr. Pringle was  
intimated to me any dissatisfaction: and I am  
sure as far as I was concerned I did not think  
the permission he voluntarily offered to look over his  
plants and take duplicates. When he comes in here  
I will have a clear understanding and return anything  
he may desire.

I am in the whole rather interested  
in the person's intention for descriptive work. I  
know him to be sharp-sighted and cautious though  
sometimes rather. I am sure that no effort  
will be expended that may not improve the  
work in all directions.

I shall take up filices soon & refer to your  
determinations. I have a *Phacelia* which I think has  
been mixed up with *P. ramosissima* but seems  
distinct. But that is a troublesome section.

Yours truly

O. B. L. 1874



Collier's last July 11

Mr Watson

By this mail I  
send last installment of  
Black Bell 114.

I leave it such as you  
will know or not do not.  
Please fill out the blanks  
in order my corrections  
you will find them set out  
in 2 parts. Pledge Manifest  
of the 1st volume to my wife  
want to see the manifest, and  
others & you have complete  
you will find the Chapman  
just well represented.

What do you make of 264?

I do not feel clear on the

bookkeeping of Chapman's papers

on 264.

Mr. James Call

247 P. pacificus Watson

and 246 P. Californica (Chen)

the last you had named in

"Mr. B. Double plants P. pacificus

are they really distinct?

I have just returned proofs

of my Oxytheca paper from

Worcester. And I have asked

to send first page proof to

Cambridge.

regulation in starting to

the country is say only 2 miles

from here at San Diego

Yours

C. C. Perry

1892

I have my notes  
 of the summer, from the  
 1st to the 1st of September, in  
 a red blot book.

Winter came in the middle  
of the last month of May as  
it is raining the morning  
of June 1st so I was forced  
to go to the store & immediately  
to the bank. I only want to  
say the young that are very  
kind to get better & the natural  
regiment of business &c

I am much obliged to you for the Hy. Heca  
 since I have been the one between  
 it & my mother. I am disappointed and  
 not sure but I am. Hy. Heca is in  
 the Hy. Heca and O. Hecmisis comes  
 in a variety of all mine. So that we





Collins, March 18 1882

I am now expecting to receive a letter  
from you. I hope you are  
well.

I am sure that you are well  
and good prospects for late returning.  
The night will have got to be in  
yellow and to the days

which is to write from home  
and in P.O. in return.



The Botany

White & in Tabling

in the first part of the year all species  
of the genus have been found in the  
mountainous regions of the country.  
In the second part of the year, the  
species are found in the lowlands  
with a peculiar appearance of the  
leaves. Taken in

Specimens of the following species

- C. Thunbergii
- C. Leprieuxii
- C. sp. in
- C. Humboldtii

o o

Specimens of the following species

- C. sp. in
- C. sp. in

Specimens of the following species

- C. sp. in
- C. Humboldtii
- C. sp. in
- C. sp. in

Miss. in the  
it is the  
the





JP Box 157

Dear William,

... lost in crossing the isthmus, and now  
to look for it again till now. I suppose there  
is unusual good season makes it more conspicuous.

I have been told by others that the water is  
very shallow. But the water is very deep. I  
have seen it in it. It is certainly Frank's  
and I suspect F. Palmer's. Please compare with Palmer  
specimens. It is abundant here and I shall make it  
a point to get it in 10 days. Though I would like that  
my name should have the credit of the discovery.  
I am now in my collection for a month. See the

The following is the list of the specimens. I expect to go  
to the coast in about a month. He has thought he  
will not finish up California Nevada Oregon &c &c.  
I expect to compare him with California. He is a very  
good man to get good company.

I expect to go up to Little when the RR is finished.  
I am now in the city. It is a very good place to be with  
my new change. I have made a delay in the city.  
I am surprised at the improvements. Now it is a  
very good place to be. I am now in the city. I  
begin to feel better. I am now in the city.

W. H. Barry

Dear Mr. Gray. San Diego. Cal<sup>a</sup> March 27<sup>th</sup> 1882  
By mail B. Braginskas recently collected  
here are 1. *Harpyanella Palmeri* n. sp.

2 *Echidocera* Californica Br. n. sp. of the common species.  
3. *Echinogermium* repens Straw n. sp. ? - on what?  
We start next week to San Diego. California. There is much a  
good deal, several nice plants turning up, yesterday in the  
fruits of Pinus Torreyana.

*Leptogium giganteum* Kelllogg must be reduced to one of  
*L. maritima*. I know it in all forms, will send you a  
stem next time. *L. giganteum* is only an unusual variety  
made vigorous by greater moisture & absence of frost.  
I am looking for *Microseris* & *Nemaobolus* is  
coming in much.

Yours

C. C. Barry





WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER

Prof Asa Gray  
Cambridge  
Mass



People who take the same view, will be the more  
likely to be interested than the other. I have a number  
on the subject of the 1st of April I want  
to give you something to be sure, but I am not  
sure if I can get the opportunity of a  
few minutes to write, with the last of the  
year, after the short day, as I have to  
start at 10 o'clock, I must close.  
I hope to start at 10 o'clock on the  
next morning.

I would like to see you, but I am not  
sure if I can get the opportunity of a  
few minutes to write, with the last of the  
year, after the short day, as I have to  
start at 10 o'clock, I must close.  
I hope to start at 10 o'clock on the  
next morning.

The next is just the same, but I am not  
sure if I can get the opportunity of a  
few minutes to write, with the last of the  
year, after the short day, as I have to  
start at 10 o'clock, I must close.

Very truly yours  
C. C. Perry





your letter of the 10th inst. has been received and the  
information in it has been forwarded to the proper  
authorities. The matter is now being considered and  
it is hoped that a satisfactory arrangement will be  
made in due season. The matter is now being  
considered and it is hoped that a satisfactory  
arrangement will be made in due season.

The Board of Directors has also received your letter  
of the 10th inst. and has been considering the  
matter. It is hoped that a satisfactory arrangement  
will be made in due season. The matter is now  
being considered and it is hoped that a satisfactory  
arrangement will be made in due season.

The Board of Directors has also received your letter  
of the 10th inst. and has been considering the  
matter. It is hoped that a satisfactory arrangement  
will be made in due season. The matter is now  
being considered and it is hoped that a satisfactory  
arrangement will be made in due season.

Very respectfully,  
R. L. Brown

May 11<sup>th</sup> 1887

to the day  
By a day in the forest of the  
of the forest of the forest of the forest

No 1. *Bacca* in the forest of the forest of the forest  
No 2. *Bacca* in the forest of the forest of the forest

No 3. *Cynodorus cuneatus*  
No 4. *Staphylinus nigrescens*, *rust*  
No 5. *Staphylinus dispersus*, *ex*  
No 6. *Ribes viburnifolium*

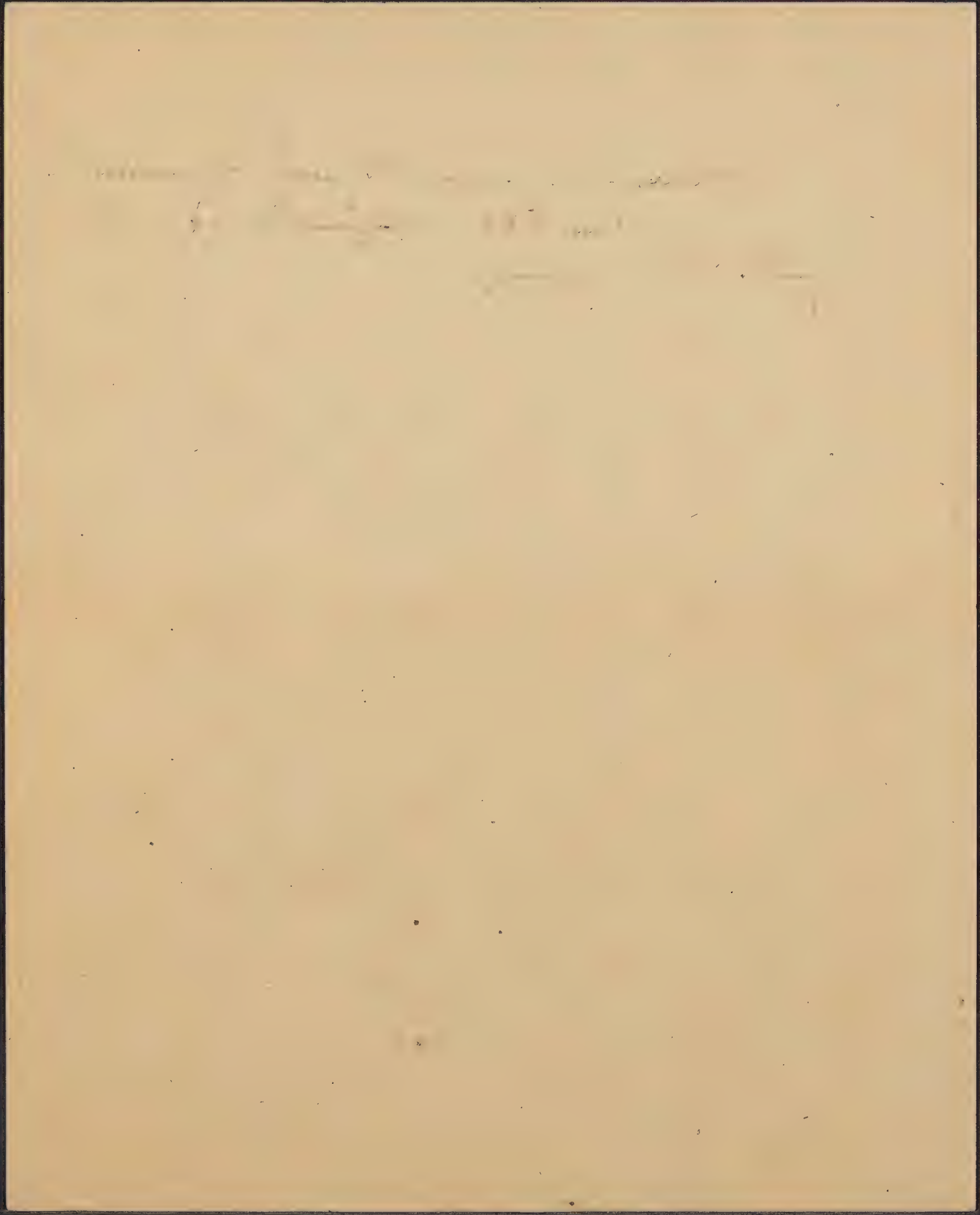
No 7. *Staphylinus Ranzii*  
No 8. *Staphylinus gracilicornis*, *207*  
No 9. *Staphylinus* (collected at least the in of San Diego)

No 10. *Staphylinus* !  
No 11. *Staphylinus* *Helago Miranica*, *ex*  
No 12. *Staphylinus* *Andersonii*, *var* *Mythia*  
No 13. *Staphylinus* *Leitchi* *ex* *Kottel*  
No 14. *Staphylinus* *haemorrhoidalis* *pr*

Will come to the forest of the forest of the forest  
the forest of the forest of the forest of the forest







Davenport Iowa Aug 17<sup>th</sup> 1882

Dear Watson

I have had an envelope in my table addressed to you for several weeks! expecting to send every day but put off — for more complete items. Now I must fire off what I have got in hopes to hit you before or after your vacation?

I am still wrestling with Chorizanthe and have now been over nearly all the species in my possession which lacks only 4 or 5 of being complete! and very full specimens. I have extracted the embryos from all but one or two and have observed the germination of several I have had in cult. C. perfoliata C. Formandensis & C. xanti. So that I ought to be pretty well up. I am satisfied that the species with lateral radicle & acumbent cotyledons will form a natural group, following Centrostegia, & take in C. spinosa, C. rigida & C. membranacea. I am now anxious to see C. polygamoidea to see when it comes write to Rattan who said his specimens were all eaten up by Rat? (not Rattan?). I presume your material is secret but if you can spare a fragment or enough to show the embryo I should like it.



besides these I lack only *C. Whaleri*, *C. Breweri*,  
*C. laciniata* (probably only form of *C. fimbriata*, and *C. validus*?  
 though I may perhaps have the latter from Acad Herb 87  
 (of which I enclose fragment). I will before long send  
 for the herb a set that will please you.

As to *Oxytheca* which I have not yet grappled,  
 Wright sends me a large stock of *O. micranis*  
 and with it a very different form of *O. Caryophyllodes*  
 spreading over 18 inches with the involucre constantly  
 pedicellate. I can't make anything else out of it  
 though Wright was so anxious for a n. sp. that he  
 had labels printed "*O. Wrightii Perry-mid*" which will  
 be likely to stay so. Then again *Gymnogonum*? well  
 have to go somewhere and I am strongly inclining  
 to your view regarding the subtending 5 cleft bracts  
 as an involucre. Which of course smashes *Gymnogonum*.  
 Let her smash — So you see in my jostling  
 way I have plenty to keep me busy with no  
 time to quarrel (even with Jones). I have just  
 shipped 1300 sp to British Museum — so much  
 out of the way.

I still expect to leave for the West. Though perhaps not before Oct. it has been so completely cool here that I do not pine for California. Though occasionally craving the fruit.

Tell your man as well send the Palmer parcel these plants, of which he has several times written though supposing they were plainly marked. I did not feel anxious about. To make up the parcel you may also (if convenient) include Vol 2 Bot Cal. of which I do not yet own a copy. am borrowing the Acad. copy, send bill for same and I will remit by Postal order.

You have Engel there now, and of course a lively time. do not keep him too long but send him back here to me.

I must tell you a good joke about Sheldon (who has lately lost his wife) over 10 years ago. he deposited in Savings bank the amount of \$1670.5 and forgot all about it. till the bank officials advised him interest & all now amounting to over \$3000. He was astounded, but referring to some old records found the entry. Are you never coming to see us?

Yours truly C. C. Parry

Davenport Aug 25<sup>th</sup> 1882

Dear Watson

Express parcel to hand. I enclose  
herewith Postal order to you for \$5.00. Bot. Cal Vol II.  
Thanks for the Charizantho serape the file gaps. which  
they do nicely. I have now extracted the embryos of  
22 of the 25 sp. and the others are without doubt  
the usual form of linear Stylidomys & straight radicle.  
The fragments of C. laciniata confirm my opinion that it  
is not specifically distinct from C. fimbriata. I think  
I can now match it. I have been puzzled over a  
curious form received lately from Cleveland from Lake Co.  
(unfortunately too young) but after some hesitation I put  
it with C. uncinata over uncinata. I enclose herewith  
specimen for your opinion. I must confess I do  
not think well of your C. cuspidata. A specimen shown  
me by Jones at San Diego of which I have fragments  
is identical with what I have collected too times  
in the sandy wastes near San Francisco. Jones got his  
also from Golden Gate park. when it is abundant.  
neither do I see in your description anything that  
will not fit your description in Bot. Cal.



1325  
1880  
2393  
3162  
4760

I send herewith a scrip of my collection 1882, which shows the cusp and hairiness, or rather ciliation on the back of the perianth, also the lack of membranous margin to the involucre. There are forms that seem to connect C. purpurea with C. diffusa and according to my recollections the original figure of C. purpurea in Lincoln Transactions, is of this character, but ordinarily they are sufficiently distinct. I have this year collected a large lot of C. diffusa, with stems more than 12 inches across, and of a beautiful rose tint. I must next tackle Oxytheca. I have now a large lot of O. merris from Wright, and I shall have to consider the question of excluding it, as there does not seem a single point in which it differs from Euonymus, and to take it out of Oxytheca, is to let loose a whole gang of the same kind just as much entitled to come in as O. apiculatum <sup>se de</sup> (not O. Redingiana.) I suppose you know very well the densely branched form of O. dendroidea from Nevada, of which I snatched a single specimen in Aug 1886. This much to bother you on your return from Scientific? Disposition at Montreal.

Yours truly  
C.C. Parry

Keokuk, Iowa Sept 23<sup>d</sup> 1882

Dear Mr Gray

I send herewith a branch of my single specimen of Peristyle aperta. fr. I think it will show all the essential characters I have never had sp of P. Purpurea by my recollection there were only 2  $3\frac{1}{2}$  collected at an out of the way place on the Rio grande below Presidio del Norte. I hope it may turn up again. with Lophocarpus bracteata & Cordia paniculata! I am just getting ready to start back to California. While Mr Parry goes East to Conn. I have promised Pringle to go with him to Sta Lucia Mt to get Abies bracteata. Then I shall also run up to Chico & see the agreeable Bidwell. I send before leaving a small parcel mainly of Chorizanthe & Oxytricha

for Watson

I do not like to trouble you with  
odd things. but I am a good deal  
exercised over Arctostaphylos. The  
Lower Cal<sup>a</sup> plant does not agree well  
with the Mexican 564 P + P. I hope  
to get fruit of the Lower Cal<sup>a</sup> sp. for  
further comparison. then I have still  
another distinct species of the same  
section in fl. only also from San Diego.  
I shall send you a specimen of the  
latter which I call provisionally  
Sanfordii after the collector who  
promises to get the fruit.

My winter plans are not perfected  
cannot decide till I get to Cal<sup>a</sup>  
I propose to work up a matter  
in which I may need your assistance  
viz to transfer my whole collection  
botanical to the Cal<sup>a</sup> University. at  
Berkeley. provided some of those



millionaires. Stanford Crocker & Co  
 will pay me a fair price &  
 establish a botanical dept in  
 the University. I do not want to  
 undertake instruction of classes. but  
 I think Greene would, and I would  
 act as Curator till the collection  
 was put in workable shape. This  
 is my plan if I can carry it out?  
 I want to make another suggestion.  
 If everything is favorable I propose  
 to spend part of the winter in Sonora  
 and by the latter part of winter you  
 will want a rest. So you might  
 work on the Boston R.R. officials &  
 get pass for yourself & Mrs. Gray  
 and come down at Jan. me either  
 at Aguascalientes or Hermosillo. in time  
 to see the early spring flora. and  
 the wonderful Cacti of that  
 region. how does it strike you?

Had a new sheet - visit from a Conf. & Englishman

I am all ready to leave on 25<sup>th</sup> inst. I have finished the biographical sketch of Duncan Putnam which now goes to print. The family seem pleased with it. Though I had my fears that they might expect too much. I tried to bring out the chief salient points in his character & leave off minor details that would not interest the reading public. You will see it soon & so can judge how far I have succeeded in this labor of love. My address for the present will be Care Acad Science San Francisco. I shall see Greene among his "the wood" will write to Watson later about Chazyanthus &c

Very truly yours  
C. C. Parry

California Academy of Sciences.

Post Office Box No. 2247.

San Francisco, Nov 10<sup>th</sup> 1882

Dear Dr Gray

Thanks for your determination of the Chico plant, and the squelching of the obnoxious "Chicomis." Though to my taste the accepted name Canbesodii is still worse, but you are not responsible for either. But it will not do to call it "a waif" or even a late introduction for I found it covering square acres of ground in an isolated bog on the Sacramento where it was difficult to find entire sp small enough for herb sp. Its copious seeding must ensure its permanence & distribution by floods. So I suppose it is likely to turn up elsewhere as such things do in mass, in the mean time, I can supply enough to get it in Bot. Cal.

I am a good deal "in the Dumps" of late with cold Malaria and what not, so that I have lost all energy and ambition & now expect (next week) to move South to meet Mrs Parry in N Mex. & my sept Rhodod. will be Colton Cal.



I called on Lemmon & wife yesterday, just back from Arizona with heaps of nice things. some not so nice they seem lively and well. showed good sense in taking my advice to stick to one good locality, & explore it thoroughly. You will no doubt hear from them soon.

You will no doubt have your attention called to the very disagreeable relations between Sargent & Pringle. I do not hesitate to express my opinion, from a knowledge of the facts, that the entire blame rests on Sargent and that he has treated Pringle in a most disgraceful and shameful way and without any just cause. Pringle has faithfully tried to do his duty, and has performed a large amount of irksome and laborious work, to receive in return nothing but abuse, and to cap the climax the withholding of funds necessary to carry on his work. So that Pringle out of a due sense of self-respect has left the field and gone home. I feel obliged to say this much in justice to a most excellent worthy man and a zealous worker in botanical science as you may well know.

I hope to hear from you occasionally at Colton or elsewhere? this winter

Very truly yours

C. C. Parry

San Diego. Cal<sup>a</sup>  
July 3<sup>d</sup> 1883

Dear Mr Gray It will not do to  
let the holiday season pass without  
sending New Year's Greetings, from  
this S W corner of U S.

We are pleasantly fixed for the  
winter nice sunny apartments  
doing away with the need of a fire,  
Yesterday we had our 1<sup>st</sup> drenching  
rain and now we may expect to see  
the country putting on its green winter  
dress. I have just received from  
my obliging Correspondent Miss Fish  
of Lower Cal<sup>a</sup> a native sp of Ribes  
viburnifolium of which I send you  
enclosed a sample, now that the  
plant is accessible we may get it  
in cultivation at least in green-houses.  
This & some other things has given  
me the fever for running down there

and so I am making arrangements  
for a short winter trip to Bg. of all sorts  
and take Mr Parry along.

We shall collect live plants + slips  
of the new rose (*R. multiflora*)  
for which there seems to be some  
commercial demand.

I sent you some time ago a picture  
of Aesculus Parryi.

Sorry to hear of your accident, which  
however does not seem to have impaired  
your activity.

Saxifraga Parryi, has just gone  
out of flower, and later the leaf will  
show. I would like this coming spring  
to get on the line of the Atlantic &  
Pacific RR through North Arizona  
if I could get a RR pass. I must  
try & make a raid on the Boston  
officials, & perhaps you can help  
me. I spent Xmas at Chico

A line enclosed to Watson

Mr P. joins in regards from the

C. C. Parry



Dear Mr. [illegible]

I have the pleasure to inform you that  
your letter of the 10th inst. has been received  
and the same has been forwarded to the  
proper authorities for their consideration.  
I am, Sir, very respectfully,  
Yours, Sir, very respectfully,  
[illegible signature]

100

My dear Mr. Garrison  
I have just now received your letter  
of the 26th inst. and am very glad  
to hear that you are still  
interested in the cause of the  
colored people. I am sure  
that your efforts will be  
successful in the end.  
I am, Sir, very respectfully,  
Your obedient servant,  
Wm. Lloyd Garrison

San Diego Aug 3<sup>d</sup> 1883

Dear Watson

Happy New year to you

if such a thing is possible in your  
frigid climate

I have again tackled  
the *Erigeron* (or *Erigeron*). just finished  
a review of *Nemacaulis*, from full  
material. It is really the simplest of  
all the group, in unravelling the  
inflorescence. I find it a condensed ~~spiral~~  
with <sup>one</sup> axillary fl<sup>ts</sup> each bractlet. (except a  
few of the ~~bracts~~.) The lowest series are  
sterile or nearly so, and fertile. The  
upper pedicellate and absterse, the former  
shorter than the subord. bracts, the  
latter exceeding them.

achenes lenticular-ovate beaked. (I  
enclose old branch so that you can see)  
otherwise as in description.!

I shall next take up *Lactuca*,  
which I am strongly inclined to put  
into Chorizanthe! (over)

The 3. stamens inserted on the face of the broader, internal segments, just below the throat.



It seems to me much more reasonable  
to say, perianth wanting, or reduced to 3  
scales alternating with stamens, than  
to make a perianth out of what is  
clearly by all analogy an involucre  
The embryo is, straight, (not curved)  
as in the majority of Chorizanthe  
in fact I see nothing to keep it out  
but the absence of perianth, and  
that is the organ especially variable  
in Chorizanthe. So I must go over it  
again. I have you to spare fragment of  
the William plant!

In Oxytheca. I have nothing new. Wright-  
specimens are only a pedicellate var  
of O. corymbellodes. I come so far to  
your views on Symnagnum as to  
regard the irregular spinous appendage  
as a true involucre. but hesitate to put  
it in Oxytheca. No room for more  
now. Let me hear from you soon  
Mr P. yours in regard

John H. S.

W. H. S.

# ROSA MINUTIFOLIA, ENGELMANN.

Living plants of this new and elegant North American Rose may now be procured  
by addressing

H. C. ORCUTT, SAN DIEGO, CAL.

Price: Single roots, \$1.00, Two roots, \$1.50, Per dozen, \$6.50.

The above sent by mail on receipt of price.

San Diego March 9<sup>th</sup> 1880

Dear Watson

I am most happy to hear from you.  
I have just sent "wonder" to  
you. I got from C. H. Orcutt a fine  
seedling - a fine one and very strong and  
I have with Peter in some small  
travelling for eight miles that it  
is a good one. It is good and very  
strong and without the usual  
weakness of the first few years.  
So if you want it, I will send it  
to you. It is only a slight multiplication  
of the first one. It is a fine specimen  
it is like the common one of a bushy  
habit & is very strong & healthy  
and very fine.

To you are Doubting in St. Louis -  
I hope you will definitely for the time  
be satisfied with what I am hoping  
I am not applying to others -  
I will be - you will see the  
need to be free, but into the  
national right to give the nation.

I may also surprise you by asking  
you join in the one of the numerous  
clubs that are started by the Board  
as a help & furtherance in  
their work. I want to see a growing  
club to which I, as I have been  
preparing, can do some good work & see



San Diego April 10<sup>th</sup> 1883

Dear Watson

I send by this mail specimen of  
the *B. Populini* found growing together in the shade  
of San Clemente Island.

Of course there is some difficulty in regard to  
P. *fraxinifera* & P. *fraxinifera*, which both have  
characteristic but are from nature in this locality,  
but the other is quite a distinct species in  
some way but has more than some nature, yet  
"the letters" say, "it comes from the West Indies"  
but it might be there yet. I can hardly  
regard it as a hybrid. Though it has some  
intermediate characters, so it must be either  
an introduced sp. or a sp. If you can  
identify it with any Eastern or European sp.  
I shall be glad to be sent the name of such  
a sp. I have just bought a book on  
the book and told them if they want a  
P. *fraxinifera* & if they want being without  
any specimens - I have sent the same  
rather large specimens also. I hope they  
will get them this day. I have  
received in the time I have been  
studies of the book. I am sure of that

I have been up to San Marcos for a  
few days - have not much to say of them  
for I was more tired of letters with some time  
much work to do. The way up I have  
looked for a trip. I will visit the May 1st  
Please address me in San Marcos, I have  
San Francisco. I am of a party of four with  
them leaving up tomorrow night.  
I want to say a word of stratigraphy to you  
by sending you a list of the species I have  
made arrangements to get it, republished and much  
by a firm the promise is made. The figure of  
A. unicolor in that work represents very well the  
San Diego plant of which we have a complete  
specimen this year. It must have been Salmon that  
we are in the note of a new Explan form  
intermediate between Explan and Explan that we  
in the transverse form, the specimen of it we have  
is not enough for Explan to make it  
much more like the San Diego than for  
I am sure it is Explan to make it  
from the San Diego form. Explan from the San Diego  
off by itself.

Yours truly  
C. C. H. H.



# California Academy of Sciences.

Post Office Box No. 2247.

San Francisco, June 29<sup>th</sup> 1883

Dear Dr. Gray

Before receiving your letter I concluded that the Baccharis was only B. uliginosa Gray, which is one of the commonest species.

I now send an Elatine from Santa Cruz, which seems to differ from any described in being quite constantly staminate and hardly any difference between petals & sepals!

I took a run down to Tehachas to find the country very dry and unpromising.

Next week I expect to go on a short trip with the Bidwells.

I have read a 3 months plan over the new line of Denver & Rio Grande R.R. and may go there in August.

Lemon - grows to Sevin valley, to rusticate and very well.

We are looking for completion of Compositor with eager interest.  
In haste yours C.C. Parry







July 1973

I have written this letter to you in the hope  
 that it will be of some use to you in your  
 studies.

The first part of the letter is about the  
 importance of the study of the history of the  
 world. It is important to know the history of the  
 world because it helps us to understand the  
 world we live in. It also helps us to understand  
 the people who live in the world. The second part  
 of the letter is about the importance of the study  
 of the history of the United States. It is important  
 to know the history of the United States because  
 it helps us to understand the United States we  
 live in. It also helps us to understand the  
 people who live in the United States. The third  
 part of the letter is about the importance of the  
 study of the history of the world and the United  
 States. It is important to know the history of the  
 world and the United States because it helps us  
 to understand the world and the United States we  
 live in. It also helps us to understand the people  
 who live in the world and the United States.

I hope this letter will be of some use to you  
 in your studies. I am, Sir, very respectfully,  
 Yours,  
 J. B. King



Davenport, Iowa Oct 17<sup>th</sup>/83

Dear Dr. Gray, you have naturally  
got a wrong impression in regard  
to the status of my herbarium.

It is not the Patrons who help in  
the matter of expenditure, that I  
am immediately indebted to. The  
herbarium has been in fact  
at my only temporary disposal  
and has since my return from  
Europe a very long time  
and is still in my possession.

I found it was not possible to  
get a building erected, and so  
put up a building on purpose for  
it on my own grounds, since then  
there has been no increase in  
the number of specimens and  
herbarium work and so forth  
of my herbarium is still of  
the same value.

In this state of the case, I have  
given up my idea of a personal  
letter to you and have been  
the something might have been  
too to write it in California at  
the late University. I do not  
in any way, I hope this short  
letter I have been in some  
correspondence with the friends  
of the cause, to traffic  
to them the other collection is taken  
to be still further, maintained  
and no definite preparation in other  
side is but under the circumstances  
I do not want to keep up my  
attention with my interest. But  
with regard to the work and the  
future I must take leave of you.  
There is the present state of the case  
as you will understand why I do not  
tell you with you have suggestions.

2  
I am, I will be glad to  
see you at some I know  
that you are in California I think  
my intention is to visit  
you, the more I look at it, the more  
it seems to me that I am not  
in good luck with my money, I  
feel things in other, other, I  
think it is better to be  
in the case of my friends  
I am likely to trouble  
you occasionally.

Just now I have been going  
over Mendocino, of which I have  
very full and complete  
information from C. H. Pratt, of  
the State, which I have to thank  
you for having given me the  
information in the case of the Mendocino

I am also very glad to hear that  
which comes from the school  
that it is not so much as  
which I have seen after some  
time the better reason  
that I have a school for the  
day's collection of the children to  
bring around to be so by themselves  
in another school. They  
the boys of the present day are  
not with a book in their hands  
justly after the manner of the  
past generation.

The only person I met there  
was the same.

But the school for  
I hope to be from a school  
at home in the school  
the same. The children are  
to be the same in the school  
the same. The children

the same. The children











My dear friend  
I have been thinking of you  
very much lately and wondering  
how you are getting on. I hope  
you are well and happy. I have  
been very busy lately but I  
will try to write you a few lines  
now. I am sure you will  
be glad to hear from me.  
I am your affectionate friend  
John

I am having a very good  
time at the moment. I am  
very well and happy. I have  
been very busy lately but I  
will try to write you a few lines  
now. I am sure you will  
be glad to hear from me.  
I am your affectionate friend  
John

John

# Davenport Academy of Natural Sciences.

Davenport, Iowa, Dec 1 1888

Dear Sir (my)

I have your letter of the 27th

received and am very sorry that I cannot

send you an answer at the present time

as I am so busy with my work

but I will do so as soon as possible

and I will be sure to do so

very truly yours

Wm. H. Davenport

I have your letter of the 27th

received and am very sorry that I cannot

send you an answer at the present time

as I am so busy with my work

but I will do so as soon as possible

and I will be sure to do so

very truly yours

Wm. H. Davenport

I have your letter of the 27th

received and am very sorry that I cannot

send you an answer at the present time

as I am so busy with my work

but I will do so as soon as possible

and I will be sure to do so

very truly yours

Wm. H. Davenport









Worcester, Aug. 22, 1892

Dear Mother

I have again taken up  
the subject, & being my numerous letters  
and the volume of the index and  
many the latest receipts.  
By the look of nature all with absolute  
freedom, a small number, come in many  
one life and some in nature's course.  
In moving with the history, I did not  
up my mind that I remember the  
same part, regarding the small quantity  
that in the time here is the necessary  
to be put in the place of the previous  
year, which is more number than in the  
other the report of the year, to be taken into  
account, I believe, with the year.  
But the whole of the report was of a nature  
which my mind, as it may be, and the  
not be given notice of the time in  
the present matter, fully exposed to  
the end in all the instances, and open  
at the time, being, as it is, a matter

in proportion to the amount of the  
by suitable periods in 1880 some  
months, in which you have not been  
for yourself from the first length and 1/2. The  
of course makes very fine, fine, and smooth  
the one, for you make the fine by looking at 2

There will naturally follow the young  
leading by a very close to the edge of  
a C. rigidus which you left with a  
the Mucron growth of the 2<sup>nd</sup> rank in which  
while the Mucron is a height, the rigidus in  
the rigidus will be in the same  
space. The rigidus is a fine fine rigidus  
but I have to rigidus, which after a  
very small & close rigidus & fully

The rigidus can be rigidus, by  
making the rigidus in which it is  
very very in the rigidus in  
which it is, in the rigidus in  
which it is after rigidus to the rigidus, it  
is the rigidus in the rigidus  
in which it is, in which it is, in which it is  
in which it is









Davenport July 15<sup>th</sup> 1864

Dear Mr. May

You will have heard  
before this the sad news of Dr. Stephen  
Peck's (1<sup>st</sup> inst.) my last letter from him  
(one of the last he wrote) was in his  
73<sup>rd</sup> week. July 1<sup>st</sup> it was  
calculated to make successful predictions  
but I hardly expect to see them so  
soon realized. George I. in religious view  
of the sad event is urgent that I  
should go down there for a few  
days and advise with him, respecting  
in regard to his large & valuable  
literary collection which he has  
I think I shall have to do so, though  
I may put it off for a week or so  
I never had any direct conversation  
with the Dr. in reference to the final  
disposal of his collections, though it  
often occurred to me to question him  
on the subject, I infer from George's  
letter that he made no definite request



have you had any communication with  
him on the subject? I have written  
him several times.

It seems there is a large amount  
of very valuable material left that  
shall no properly come for. and I  
think that has at least systematically  
suffered especially in subjects that  
he had specially studied  
If I go on there I will write more  
fully on this subject. Please see  
that paper notice as published in  
the Standard and Scientific journals  
and one will no doubt take up a  
full History notice, probably yourself!

I am just getting through the last  
course on Chrysanthe

Yours truly

C. C. Barry



... as far as I can see there is not even a  
possibility of doing a thing, although a reform  
... the ... of ... which is rather a ...  
... which is ... in some interest in the  
... of the ... to the ... University which  
is a ... body, ... only to ...  
... in ... in ... in ...  
... of the ... - ... - ...  
... ... the only ...  
... I am ... to think  
... of the ... in the ... there is  
... in the ... which is the ...  
... to think ... of ... in ...  
... but ... a full ... of the  
... in ... after I ...  
... apparently ...  
... with you in the ... It is his  
... to ... the ... the ...  
... how - ... the ...  
... in ... in ...  
... of ... (I think)  
... in ... of ...  
... in ... in  
... of the ... of ...  
... of ... is the  
... in ... to the  
... of ...  
... in ...  
... in ...  
... in ...  
... in ...  
... in ...  
... in ...







the good one sample for all such purposes. It  
is always a reliable building, as the grounds that  
have been devoted to this object, as if necessary, a full  
building can be erected, as if a liberal party were  
opposed the problem would be in many respects  
satisfactory, as there was many, like the one, large in  
size, and in the same way, as the same thing  
has been done, I think it would be desirable to first  
make an arrangement, which is a free, and make the  
arrangement by him, as it seems that he has done so  
before, and to give separate instructions, that would  
be necessary, in respect to the same, and that of  
some importance. The first step should be a man  
of integrity, and a considerable ability, as I think the  
first step of progress is one of general service in  
the department, as there are but few others.

As in regard to general service, which I think the man  
should be confident, without any, to appear as a man  
of service, and some other steps, and others, and others, as  
of service, it would be better, for a few years, to have  
a man, the same, a historical building, having, I think  
a man, as a plan to building the whole  
building, in good shape, for use, as a reference, as  
there is a plan, and a plan, as a plan, as a plan,  
and so on. The man, as ready, the paper, can be collected,  
the important work, as I am, as I am, as I am,  
and with many others, as I think, with the  
man, as I think, that under my, as I think, as I think,  
and to collect, as a collection, as I think, as I think,  
as I think, that a man, as I think, as I think,  
as I think, as I think, as I think, as I think,  
as I think, as I think, as I think, as I think,  
as I think, as I think, as I think, as I think,

# Davenport Academy of Natural Sciences.



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*[Handwritten notes in cursive script, likely a letter or memorandum, covering the right half of the page. The text is mostly illegible due to fading and slant.]*



Journal of the State  
of New York

George Washington was  
born with a natural genius. From  
his early studies, showing the influence  
of his father, which was one of the  
oldest in the colony, especially the classical  
philosophy, which was before him, for  
Calvinism in 1740, when he arrived in  
America from the British - and he  
was the first to see the value of  
the new - and was a great help to  
him in his studies, when a House was  
opened. He was also in America  
in the same situation. They were  
in 1740.

Washington was the first to see  
the value of the new - and was a  
great help to him in his studies, when  
a House was opened. He was also  
in America in the same situation. They  
were in 1740.



Dear Mr. [unclear]

The [unclear] paper is now being  
set up. The [unclear] [unclear] [unclear]  
[unclear] [unclear] [unclear]

It is [unclear] [unclear] [unclear] [unclear]  
[unclear] [unclear] [unclear] [unclear] [unclear]  
[unclear] [unclear] [unclear] [unclear] [unclear]

I hope to hear from you soon.  
Yours truly  
[unclear]

George Washington

Dear Sir,

I have just received your letter of the 10th inst. and am glad to hear that you are well. I am well at present and hope these few lines will find you the same.

I am very much interested in the progress of the war and hope to hear soon of a decisive victory.

I have been very much surprised to hear that you have been so long in the field. I hope you will be able to return home soon. I am very much interested in the progress of the war and hope to hear soon of a decisive victory.

I am very much interested in the progress of the war and hope to hear soon of a decisive victory. I am very much interested in the progress of the war and hope to hear soon of a decisive victory.

My dear Mr. [Name]

I have just received your letter of the 14th inst. and am glad to hear that you are well. I am also well and hope this letter finds you the same. I have been thinking much of late about the future of our country and the state of our Union. It seems to me that we are passing through a critical period in our history and that the result will determine whether we are to remain a united people or become a collection of warring states. I believe that the only way to preserve our Union is by maintaining the principles of liberty and justice for all. I am sure that you will agree with me in this. I am, dear sir, very respectfully,  
Your obedient servant,  
[Signature]

I am, dear sir, very respectfully,  
Your obedient servant,  
[Signature]

I am, dear sir, very respectfully,  
Your obedient servant,  
[Signature]





December 21st 1884

Dear Sir,

I have not the pleasure  
to meet you personally, although I have been  
a great many times. I hope I shall  
see you often either in the streets or  
in the house of which I am sure I shall  
be able to find you. The other  
arrangement is to have the first  
arrangement in the afternoon & then make  
in the last a grandest speech, with a flower  
in the end of each book. I have only  
the most important character of a united in  
distinct in several books. I think with  
the best. Taking it for granted that the  
indication (in which form it represents the  
extremest degree of the best. I suppose  
that we had a very good one. The first step  
in the process of development - by the way.  
The character is to distinguish, I do not know  
how far from the same of the first character  
and to have some for the first character

I am extremely well. I am  
glad to hear from you and hope  
to hear from you soon. I am  
well and hope to hear from you  
soon. I am well and hope to hear  
from you soon.

C. C. PARRY. HERBARIUM.

No.

Locality, }

Coll.,

(Davenport. April 29<sup>th</sup> 1884)

Dear Mr. J. J.

I am greatly obliged for your frank & greatly cordial criticism of my paper on Stenocratus. In fact the less so because I am the more convinced of an error of judgment on your own opinion of the general character of the material in question in relation to my views. The suggestion of having the material of Stenocratus for Stenocratus is a very different thing, and rather a curious one. I am not in a position to say anything further than the statement of the facts. I feel that I should be the unworthy pupil of your great work of my own. I must therefore feel it necessary to say to you that the next difference between the two papers (important) is rather small. I can see in the whole of the whole (the material) a natural progression from a common point with Stenocratus but that is the only thing. Stenocratus being a common, with Stenocratus "almost distinct" (as you say) & the perfectly united Stenocratus in which the "Stenocratus" is a very small thing with. I think you can be sure to find a small article in Stenocratus in the same manner. Why you should do so, who has had a small article in Stenocratus of a small article in Stenocratus in the same manner. I cannot well understand the fact to be in the same manner. I am not in a position to say anything further than the statement of the facts.





an indication of the nature of  
involved evolution. Besides in  
Mch. . . there are all the gradations  
from a calyciform to a corolla in  
free bracted involucre, and when it is a  
spiral cusp, or the true corolla  
commences. I am therefore willing  
to allow that where the distinction is  
plainly marked between a naked  
verrucc., and a bracted spiral (not yet  
made into an involucre.) there is  
sufficient ground for finding  
generic character, and I will take  
as done a "set Homocarpus alone".  
I have not time now to write a historical  
which seems to me to rest on very different  
grounds, which I have tried to make  
in my paper. I send 10 extras for distribution  
for present mention to learn how  
you, I want to New York or Conn. When  
here in the mean time of improved health &c

Chas. Br. Gray  
L. B. Allen

(Davenport. May 5th 1844)

Chas. Br. Gray

We all very much regret  
the cause & the effects of your  
inability to visit us. We feel confident  
of being able to interest both yourself &  
Miss Gray, and trust that it might  
be a mutual pleasure & benefit  
of our kind surprised at the recent  
silence to your paper to meet him.  
I hardly think it is from any aversion  
to your plan. but at his extreme age  
(54) such a serious modification of  
his plans, my cause for action. and  
such as Dr. Engelmann's  
which he has naturally & herein  
"commercial views" which induces caution  
in the matter of expenditure. that do  
not involve immediate pecuniary returns.  
It is this that kept Engelmann  
though still maintaining most friendly relations

I have ventured in my own discretion  
to write to Mr Shaw. advising him of the  
desirability of a personal interview. and  
at the same time intimating that the  
value of our correspondence can be  
that any delay may prevent you  
carrying out your proposed visit. I  
have also written to George Engelmann  
on the subject. I feel no personal  
anxiety in the matter. as it is only  
from a sense of duty that I would venture  
to assume such responsibilities in taking  
the position of Curator. giving up in a  
measure my own independence.

We will still hope then. that still  
warm weather may restore Mr Shaw's  
health. and afford you both a  
recreation. In this connexion I  
a message to you from Dr Baerocela  
San Luis Potosi Mexico. saying he is kind  
to tell to say he can come to my house and  
be lodged and live as if he were at home.

I deem it exceedingly kind. that  
in the midst of your absorbing occupations  
you are willing to discuss such  
subject questions as Neuracanthus etc. I would  
have you think for a moment. that  
after these long years of constant  
friendliness. I could not take in the same  
spirit any criticism however sharp  
though none the less friendly.

The real point of difference seems  
to be narrower, down to a fine point  
viz. as to whether the involucre should  
be in exactly the same plane, or a  
slight spiral. to sustain your view  
is the uniformity which is shown  
in most Diogenes of a marked change  
from a subliminal floral bract spirally arranged  
to a chief involucre, but where  
this inversion occurs. to give way in  
C. Solymus m. with nearly distichous  
foliaceous division, to the broadened outer  
involucres getting out to make  
an involucre. then seems it



C. C. PARRY. HERBARIUM.

No.

*Cynopterus Ludovicianus*

Locality,

Coll.,



C. C. PARRY. HERBARIUM.

No.

*Juniperus communis*

Locality,

Coll.,

18

Davenport May 8<sup>th</sup> 1884

Dear Dr Gray

The enclosed letter just recd. from Mr Shaw indicates a continued willingness on his part to be guided by your advice. And I still hope you may be able to meet Mr Shaw at St Louis and arrange matters more definitely.

You of course understand that as far as I am personally concerned, a delay such as he speaks of would be just what I would wish, so as not to hurried back from my European visit.

If I can only have the assurance that on my return I can secure a suitable situation as Curator, I would cheerfully leave all details for you & Mr Shaw to arrange, more especially as you know not only my qualifications but also my deficiencies. I have specified in my suggestions to be allowed leave of absence for summer months or its equivalent, to be devoted to field work or other duties connected with the position. This would be important for me. So that I shall still hope that some satisfactory arrangements could be made. perhaps as well also that I should not go down, as you know full my views

We are expecting you to leave next Wednesday  
14<sup>th</sup> with 2 go Direct to New York

In the mean time you will advise me of your  
movements. I shall expect to go on to Cambridge  
latter part of the month. if you should happen  
to be away I must do the best I can with  
Mr Watson &c

Yours truly

C.C. Perry

Remains only the final edge of a distance, with the  
by a long of a line distance.

1<sup>st</sup> It is the same distance as the first, and can be  
understood after the first of the distance, as the distance is  
Chrysomelids Chrysomelids Chrysomelids Chrysomelids Chrysomelids  
and Chrysomelids Chrysomelids Chrysomelids Chrysomelids Chrysomelids

2<sup>nd</sup> It is a point, because it is an Chrysomelids Chrysomelids  
it is a long distance, which is the same distance  
a Chrysomelids Chrysomelids Chrysomelids Chrysomelids Chrysomelids  
distance, which is the same distance, which is the same distance  
distance, which is the same distance; the distance  
distance, which is the same distance; and distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance.

The distance is of the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance

The distance is of the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance  
distance, which is the same distance, which is the same distance



Hensley who is working here  
has called my attention to  
a publication of Britton & Pennell  
published as Bulletin No 23

U.S. Nat Museum which is  
full of the grossest blunders, and  
should be disavowed by the  
Museum authorities. He is making  
the mistakes which occur on every  
page.

I suppose there is nothing new  
in the St Louis (Shaw) matter  
I expect to remain here as long  
as I can do comfortably &  
shall hope to hear from you  
often. Regards to Mr F & Watson &  
Yours truly

A. C. Sargent

Herbarium Royal Gardens Kew  
England  
Sept 28<sup>th</sup> 1884

Dear Dr Gray We have at last  
brought up at Kew, just the  
week after Bentham's death,  
which virtually took place months  
ago. as he became moribund &  
declined seeing his most intimate  
friends. But what he has been &  
done for Britton remains with us  
a grand monument of industry  
& genius. There will be a  
full obituary notice in Gardners  
Chronicle, & Nature.

Hooker is weighed down with  
care & hard work, as he expresses  
it "literally swamped" - The gardens  
& herbarium in excellent order  
& very systematic.

I have commenced a little sketching in the herb<sup>m</sup> looking over Chorizanthe to see the original types, a few misplacements have been made <sup>rept</sup> among others, the enclosed slip included in the paper with C. procumbens, by which it appears that Lastarria was actually collected both by Coulter & Nuttall, Coulter's specimen cut out from a separate sheet and inadvertently named by Benth. Chorizanthe uncinata Nutt and put in with Nutt original specimen of C. uncinata.

On another sheet in the same paper is a specimen of Nutt from San Diego which you (following Benth's) name C. uncinata, Nutt

What species interests me in this is the occurrence of Lastarria in these rare collections, satisfying me

with the fact that it is real native & not introduced. Indeed I am not certain but they can be distinguished from the Chilean sp. - I find quite constantly that in Cal<sup>if</sup> specimen gone perianth (my involucre) has 5 segments instead of 6 as in the Chilean, which I think helps my view of the case, as the ternate arrangement is quite constant in all Progonium perianths while 5 is not uncommon in the Involucre - But I shall go carefully over the whole matter again and either strengthen my position or give it up, going also over the Chilean sp.

I shall also later look up Archeostaphylos & the Mex sp

New Garden Oct 20<sup>th</sup> 1884

Since writing you I have seen  
a Beachy specimen. (leaf only)

*Arctostaphylos Hookeri* Don?  
which is clearly *Xerobaphys venulosa* Nutt  
If all these allied species are  
to stand as distinct from *A. pungens*  
I would propose as follows  
No 3 *Arctostaphylos pumila* Nutt  
with synonym *A. acuta* Nutt  
Gardner Phil Acad. (1841)

No 4 *Arctostaphylos venulosa*  
*Xerobaphys venulosa* Nutt (1841) No  
Hartweg (1826)  
*Arctostaphylos Hookeri* Don  
*A. Hookeri* (pre) in part) Syn of R  
x c c c

As Nuttall's species are fully represented  
in accessible specimens and  
his descriptions are clearly applicable  
to the plants. They should stand in  
preference to *Doris* which are not  
clear.

Yours truly

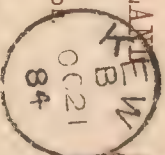
C. C. Parry

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(GRANDE BRETAGNE ET IRLANDE)

THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE.



*Prof Asa Gray  
Cambridge*

*Mass*

*U.S.A.*



Herbarium Kew Gardens  
London Nov 4<sup>th</sup> 1884

Dear Dr. Gray

Yours of Oct. 13<sup>th</sup> has  
hand. I was in hopes that in  
getting clear of Conspicua, you would  
be able to take a rest. It is at least  
is only what you feel inclined to do.  
I shall be glad if you can keep  
out the middle of Arctostaphylos. "in  
Situ". I still think if the prostrate  
uva-ursa like species at San Francisco  
= A. purpurea. A. parviflora will have  
to be dropped. but I quite incline to  
accept A. Hookeri on A. venulosa is that  
as a good species. I think hybridism  
has done something to obscure the form  
of A. purpurea. or more likely to conform?  
A. cuneata & A. formicoides...

Well if you will go for me scratch  
out a good winter campaign

ie Starting as soon in December  
as you can. via Washington & the Atlantic  
than in Washington do not fail to  
see Mrs. J. B. Bidwell her address,

1207 N. St. at her father Dr. J. Kennedy.  
Then on to New Orleans, taking in  
the industrial exposition, then via  
South Pacific route to El Paso, too  
early to botanize except to take in  
the general features of the scenery.  
Thence through South Arizona to  
Los Angeles, stopping over at Colton  
and notifying Parish to meet you  
and put you in the back of anything  
of interest near San Bernardino  
including by all means a drive  
to Dr. J. B. Stillman's at Laguna &  
the foot hills of San Bernardino range.  
Then to San Diego for comfortable  
winter quarters, which will have just  
run a botanical interest to keep  
you pleasantly occupied.

4

Nov 4, 1884

I will only say still further  
that I am inclined to go back to  
your satisfactory opinion of Gymnospermum  
(Oxytheca luteola) and regard it  
as belonging to the bracteate  
involucral section, as the  
involucral segments are clearly  
not on the same plane (i.e.  
a regular whorl) But I see  
that I shall have to take up  
the whole involucral subject  
and have written you sufficiently  
at this time.

As special news here all  
very busy, now busy arranging  
books including Mr Bentham's loose  
papers. Sir Joseph has been kind  
enough to select a series for me  
including some of the older ones  
would it not be well for you to  
suggest something in the way of  
distribution in U.S.

In looking over some of Mr. Boutwell's  
addresses &c I am struck with  
admiration at his wonderful  
secrecy. I do not yet know  
what steps will be taken in  
regard to a memorial. but I  
think the matter is in progress.  
You know the English more  
very slow & are not demonstrative.  
Our 12<sup>th</sup> just only a few months  
ago has spoiled the garden  
show, but the greenhouses are  
splendid

Enough for the present  
Yours truly

W. C. Parry

P.S. I note what you say in  
reference to Mr. Shaw. but am  
ready to wait further developments.  
C. R. Pratt sends off of the same. I suppose  
it is from Iowa Cal & which he says  
is a very good one. I suppose  
(I have seen some of the same)



Kew Herb. Nov 7<sup>th</sup> 1884

Dear Dr Gray

In looking over  
a small set of plants from  
Colorado Canon. collected by  
Prof Merley is the ~~foliaceous~~  
curious Pomponia which  
we are not able to match.  
As the characters are very  
divided especially in the umbels  
between the ray & disc akenies  
you will it once decide  
what it is. & can report the  
result to Prof Olin who  
keeps the principal specimen.  
We leave next week for  
Itapacumbé. Shall hope to hear

from you then.

Having written today I  
send out envelope

Yours Truly

C. C. Parry

No 3. Winsham Terrace

Stratcombe England

Nov 16<sup>th</sup> 1884

I see no hope for Cactaceae  
except someone properly qualified  
would take it up, and do as  
Dr Englemann himself frequently  
suggested to me. study them  
in vivo on the spot. The European  
collection would be more  
confusing than helpful.

Englemann's collections sketches  
& notes, would of course be  
all important in determining  
species. — I should hope that  
eventually something might be  
done in this direction at  
Shaw's garden. which is the best  
place, whenever the neces-  
sary funds  
are available.

We are very comfortable here  
I found the autumnal & fog at Kew too  
much for me. Yours Dr Gray

W. B. Gray

Dear Dr Gray — I have not as good  
an excuse as you have for  
not replying, being just now  
far from a "busy" man, but I  
prefer to write by hand where there  
is a chance of correction.

There seems to be only a question  
of dates to divide us in the  
Dict. Hookeri (= X. vancouverensis) So I  
suppose according to rule the  
former must stand for the Monterey  
branch, but I cannot agree with  
your <sup>very</sup> Hooker's description in Bot Beechey  
of A. vancouverensis, or Don's Bot 2  
of A. Hookeri as at all "clear"  
being based only on leaf branches  
and would apply as well to any  
thing else. But the single specimen  
I have seen in Herb Kew. "Beechey" is clear:

So then while still insisting  
that Nuttall's description is the best  
and his name validus the most  
appropriate, it must stand only as  
a synonym, being sustained by  
good Nuttallian specimens &  
Hartweg, Gray & Hooker.

I can only say as to the New Herb  
that specimens undistinguishable  
are marked in your hand writing  
on one sheet. A. Hookeri on another  
A. humila Nutt.

I am equally satisfied from  
an examination of Nuttall's specimens  
of A. humila in New Herb. &  
British Museum. That it is  
the same as my Long Mt specimens  
which I only mention out as  
"various" but because I have  
seen & studied in the sp. 2. and

made complete specimens. which  
agree as far as I can see with  
Nuttall's description, and which  
you named for me A. Hookeri. Now  
I am however quite inclined to  
agree with you that it is var  
A. humila. but if so, humila  
A. humila must go out.

This is my final say on  
this subject. only I hope that  
in your paper on the subject of  
San Francisco near Spring &  
hope you may be all  
satisfactorily cleared up.

In this same connexion, is there  
not a probability that Nuttall's  
specimens of A. bicolor marked "Monte"  
should not by some means have  
really come from San Diego, or San Pedro  
for no one else has since found it  
in the North



A letter from Dr Barroetta  
San Luis Potosi says he is about  
leaving for New Orleans as a  
Mex. Commissioner of the Exposition  
I suppose it is where he will  
make a tour of the U.S. He  
mentions that Dr Schaffner  
died March 25<sup>th</sup> 1882 of typhoid  
fever, and that his widow has  
sold his books & collection,  
the Botanical part to a

Herr A Vigenen

Hoffmann

Biebrich & Rhein

Germany

She is disappointed in the collection  
and being near I & wishes to  
sell them again.

Best time to work you - Dr

a Man - Xmas

Yours truly

G. L. Parry

3. Winkham Terrace

Strasbourg Island

Dec 13<sup>th</sup> 84

Dear Watson

I get the enclosed  
note from Hemley in reference  
to Rosa &c. its I trust. The responsibility  
of asking him to get the information  
you desired. I shall pay his  
account 10/- = \$2.50. You  
can credit me the amount if  
you like. to apply in <sup>full</sup> payment  
of Dr parry's Camp of which I have  
asked him to send an <sup>interim</sup> copy  
to my Davenport address.

We are putting in the short days  
very lazily - Daylight only lasting  
from 8 AM to 4 PM. but it will  
be better soon. and I find this sea air  
very bracing - no frost here yet!

I am of course out of the way  
of Botany except some light  
skimming.

At British Museum. I get a  
capitate specimen of a  
Chaizanthus collected by Jones  
at San Luis Obispo. It answers exactly  
to your description of C. Breweri  
but I cannot make it anything,  
not C. stictoides, 13th var. It  
would not be difficult to split  
up the varieties into half a dozen  
species, but I prefer to make them  
all one. Jones's specimen was  
marked C. stictoides. I suppose  
this was determination.

Another good thing that Jones stumbled  
on was C. brevicaule Torr with well  
developed sessile flowers.

I get from C. R. Brault in a  
round about way a scrap of

C. cryptantha Mr Curran in sp.  
which is only a miserable depauperate  
C. Thuerberi from the same place.

I have been hoping, Brault might  
pick up something in that line from  
Sonora.

Brault also sends specimen, which  
fully settle the question that

Arctostaphylos Clevelandi Gr. is only  
a late fl. Mt form of A. bicolor Gr.

I do not think you did quite  
the right thing in naming

Brault's Bloomeria B. Clevelandi.

who really had nothing to do in  
its discovery & determination.

I fully appreciate the temptation &  
compliment to collectors, but I  
think in this case you might  
have evaded the personal question  
by giving a characteristic sp. name

3 Wingham Terrace Mfracombe  
Feb, 27<sup>th</sup> 1885

Dear Dr Gray

I just get your letter of  
Feb 8<sup>th</sup> enclosed with one from George Engelmann  
glad to see that you have got fairly started  
in your journey. We are hoping that you  
will fall in with first Mrs Bidwell at  
New Orleans, and perhaps accompany them  
on route to California. I fear you are  
not giving yourself time enough for  
South<sup>n</sup> California & San Diego. I am particularly  
anxious that you & Mrs Gray should go  
if only for a day to Dr Stillmans place  
near San Bernardino (Laguna) L.B. Parish  
could put you on the track. It is one  
of the choice spots (botanically & pictorially)  
of South<sup>n</sup> California. & Dr L. who is an old  
friend of Dr Inceys would be delighted to  
welcome you.

At San Diego young Orcutt's claims  
relationships would put you in the way  
of seeing the characteristic behavior also  
of Cleveland's, & Miss Rosa Smith.

I never took much fancy to Los Angeles  
from botanizing, but Rev. J. Nevins will  
show you what there is also in herbaring.  
Hope you will at least have a pleasant  
& profitable trip, & get refreshed. —

What now write about St Louis matter  
& Mr Shaw's plans is about what I expected  
I am not at all anxious for a job, unless  
I see a fair prospect of doing satisfactory work  
without improper interference, and I have  
plenty that I ought to do with my own  
collections. So I am quite willing to wait  
till matters turn up in proper shape.

I can at least do something next winter  
in sorting up notes & sketches of Dr Engel,  
or special families, with such facilities

as George Engelman can furnish, and  
be on the ground to watch developments.  
Such an arrangement would I think  
suit one best for the present.

After an easy quiet winter, I feel  
quite fresh, and expect now to go back  
to New in April for a month or there  
make a trip to Paris, Geneva &c  
returning to U.S. on the August sailing  
"City of Rome."

I shall be glad to hear the final  
results of your conference with Mr Shaw  
or in the mean time any interesting  
botanical items on your trip. You  
will probably have a lovely time at  
San Francisco Acad. with Greene & Co  
and will see what they are doing.  
Hope you will have time to go to  
John Mearns' place at Martinez



It would also be well, if you could get  
in the confidence of Seneca Stanford,  
who has great schemes for establishing  
an industrial University. & from his  
surplus Millions, if you could put  
some botanical plan, into his head  
It might be well. On many accounts  
I would prefer transferring my collection  
to California rather than 'St Louis.'  
When studying up Arctolephytes in the spring  
get Dr Kellogg to show you the pebble  
of A. parvula? in Lane Mt. Comets, I  
feel quite confident that this is Nuttall's plant  
as it answers to his description & specimen  
but am not so sure when it being  
distinct from A. Nuttallii HBK

Well I shall hope to see you next  
Aug next Sept. ? Better address  
Herbarium Royal garden Kew.

Yours truly  
C.C. Perry

I think he is quite right in  
restoring Ceanothus versicosus Nutt  
which belongs exclusively to the San Diego  
flora and is well characterized.

Sorry to hear that Dr Gray was  
not in condition to make the  
best of South<sup>2</sup> Cal climate  
from a cold contracted in  
New Orleans, but that was a  
glorious route he took via  
City of Mexico

We expect to stay here about  
a month or there a short trip  
to Paris Geneva &c returning  
to U.S. in August

Yours truly  
C. C. Parry

Herbarium New England  
April 27<sup>th</sup> 1885

Dear Watson

Back here again  
among the dry & fresh weeds.  
The last I heard about you,  
was at Juatamala!! I hope  
if you did any fighting you was  
on the winning side and didn't  
get killed, we can spare politicians  
better than we can Botanists.  
I suppose Dr Gray & yourself have  
both got back to your post refreshed  
and ready for more hard work.  
I see here for the 1<sup>st</sup> time last  
Bot. Cont. which I have looked  
over as usual with much pleasure  
glad to see the Roses put in order  
to &c

I had no intention of running  
a tilt with you on Tetrorchaea,  
and would now like if I could  
to withdraw in your favor. but  
being in print, I suppose the question  
of priority must be decided by  
actual date of publication.

I am ~~sorry~~ that, not having access  
to any botanical literature at the  
time I made the blunder of calling  
the Calyx an involucre. otherwise our  
descriptions tally very closely,  
according to material the sepals  
range from 7-9 and the ♂ inflorescence  
is usually ternate ♀; the ♀ pedicels  
are also bracteate (not "naked"). the  
bracts being deciduous with age, but the  
scar of attachment still visible

rep. Dracoh will secure some complete  
specimens this year

How does your Cowania Havardi  
differ from C. viciifolia Gray  
in Pl. Wright II appendix? it  
comes from near the original  
locality, and from my recollection  
does not differ from your  
description.

How do you like the Cal. Acad  
Bulletin? it is at least an  
improvement on previous issues  
that Currier's identification of  
Kellogg's plants is more useful  
than Complimentary.

Green's Escholtzia looks startling.  
While he was about it he should  
have taken up Hunnemannia  
and Smashed Escholtzia. entirely  
as someone is sure to do some  
time. I suppose you are not ready  
to accept Heterodra & Althysanus?

Well the long journey is  
over by me, and you are back  
at your post, ready for more  
work - though with evening  
shades falling upon you, you  
seem more entitled to rest  
I hope you will be able  
to give a more favorable account  
of St Louis, and Mr Shaw plans  
Here things are moving quietly  
the garden looking well though  
the season is backward. We  
dined with Sir Joseph last week  
& met some pleasant people  
We have not seen the Cast-  
Hookeri, but hear that it is  
a fine specimen. The family  
seem to divide their time  
between here & what they call  
The Camp.

Herbarium Kew. England  
May 20<sup>th</sup> 1885-

Dear Dr Gray

It was pleasant  
to hear from you at Chico  
fully recovered from your Mexican  
ailment, and so in condition  
to enjoy the charms of that  
loveliest of all Californian  
attractions. To me Chico  
stands in the place of "The Inn"  
called beautiful in Pilgrim's  
Progress, and the General is my  
"great-heart". The hospitality I  
have there so often received  
arouses the most grateful  
feelings, and my only passport  
I had to present was being  
your friend.



I was glad to get some details  
of your prolonged journey, which  
in spite of drawbacks will give  
you much to remember with pleasure.  
I am particularly sorry that  
you could not have seen more  
of San Diego, and that while at  
San Bernardino you could  
not have gone to Dr. Stebbins  
who was expecting you.

Your estimate of Cleveland  
is just right. We have found  
him in every way a genial  
gentleman, and one under great  
personal obligations -  
I hope seeing C. R. Osouth, & asking  
you did not hesitate to give  
good advice, which I think he  
would take kindly, - being so young  
(barely 21.) there is some you

him to outgrow some of his  
wrong "tendencies," and be made  
wiser by experience. Of course  
his little share is only a temporary  
affair as he will soon find  
out - but I do not like to discourage  
anything that means well.

I hope you found the S. F.  
Acad. people obliging & friendly  
though there is a nasty jealousy  
occasionally crops out which  
you may have noticed. You  
say nothing of meeting Greene  
who is a little sore over some  
disagreement with you - I  
hope not serious - for with all  
his peculiarities, I like him  
much both personally & politically.  
I hope you met Muir who  
is a firm friend. We have  
a delightful place to visit

I am only doing a little  
 "pottering" work in the herb. &  
 garden. next week we go  
 to Paris for a month. perhaps  
 as far as Geneva. but we  
 are booked to return to  
 N.Y. August 12<sup>th</sup>!

I do not understand why  
 you so persistently confound  
Arct. pumila Nutt. and

A. Hookeri Don (≠ venulosus Nutt.)

The latter is a perfectly clear  
 species to me, including all  
 the Monterey specimens from  
 the various collectors, with  
 small fl. & fr. leaves - small  
 ovate, distinctly venulose on  
 both sides & smooth & deep green  
 Both Nutt. <sup>original</sup> description, and your  
 in Syn. Fl. fit the plant exactly,

But A. pumila Nutt as I see  
it in Nutt original sp here  
and at British Museum. has  
narrow obovate leaves glauca,  
indistinctly venose and  
tomentose below, flowers only  
medium size the only doubt  
with me is whether it is  
not a low coast form of  
of A. pungens. I enclose a  
leaf of the original. — with one  
of yours to compare. If you  
have time to compare specimens  
and look at the original description  
I think you will agree with  
me. Sorry that you could not  
have gone to Lane N.H. other nice  
things there beside Arch?  
I suppose you are now satisfied that  
A. Clevelandi is only a Mt form of A. bicolor  
well I am spun out only now — for  
your truly C.C. Parry

I have before said all that  
is necessary in regard to C.R.O.  
publishing enterprize? I am  
certainly not an admirer. of such  
productions. and never had faith  
in its success. but some personal  
obligation induced me to go so  
far in its support. (perhaps too far)  
Having heretofore frequently passed  
through the ordeal of a government  
printing Report. I am perhaps  
rather sensitive - I ought to  
be about typography -  
My publication of Tetracoccus.  
was rather a sudden freak  
being at Alfracombe. with full  
material in my hand, & plenty  
of leisure. I thought I might try  
my "prentice hand" and so the  
rash result. of which I have  
before written to Watson

Interlaken Switzerland  
June 2<sup>th</sup> 1865

Dear Dr Gray

Your letter  
on your return to Cambridge  
followed me up to Geneva  
when I was spending 3  
delightful days - (as you will  
well understand) with D.C.  
Who was exceedingly kind &  
attentive. besides much personally  
interesting information, & pleasant  
historical mementos. I went over  
some parts of his herbs. also  
of Boissier who was absent.  
We shall long remember this  
short visit with pleasure. being  
associated with such a distinguished  
and refined character



From Geneva we came directly  
on to Interlaken, over an interesting  
route, to get a pleasant taste  
of alpine scenery & flora.  
Just returned from Staubbach  
falls, where I had gone the  
day before on foot. Though  
not reaching here the strictly  
alpine flora, it is at least  
an appetizing taste. We leave  
tomorrow for Lucerne, for a day  
thence to Paris, to complete our  
short continental trip, back to  
New latter part of the month  
and take ship for U.S. in  
August - Though not feeling  
thoroughly well, I have quite  
enjoyed this little trip to Europe.

Hardly time to allude to contents  
of papers, except to say that  
I am obliged for your frank  
criticism. To which on the  
whole I do not wish to take  
exceptions. I imagine your  
disgust of the medium of publication  
has influenced your disparagement  
of my paper, in which I aimed to  
give as plainly as I could such  
matters of interest to me or might  
be also interesting to others.  
but especially to define clearly  
my views on Chrysanthemum  
and its true systematic character.  
I still think I have done this  
fairly well, at least so as to be  
understood, and am a little pleased  
with your admission that it is  
one of the two possible views that  
may be taken. I say must!

write to Rae

St Louis matter about what  
I expected. It is more of a  
relief than a disappointment  
under the circumstances.

June 8, 78

2

Had I known your views I  
should certainly have preferred  
J. Dixons Engel. but I did  
not know that I had a right  
to use another's name (who was  
past consulting) to my own  
imperfect work. perhaps it may  
still be possible in a subsequent  
publication to say, J. Dixons  
Engel & Perry ???

I have not blamed Watson  
in this matter because I had  
given no distinct intimation  
that I wanted to publish, and  
Brault had sent him complete  
material. Well we must all  
"live & learn" if we are ever  
lucky enough.

I do not care about a  
general distribution of the  
paper at least without the  
necessary verbal corrections &c.  
I have only distributed where  
I have sent specimens and  
then scratched it completely.  
better wait for a correct description  
of a good medium!

Baillon to whom I gave a  
specimen at Paris, said it  
was a very distinct thing  
most allied to Australian types  
He also says it is petalans!  
(not as Watson says a petalans)  
regarding what I call the  
inner involucre circle as the  
petal. I should think correctly.  
But I find you are not in

good terms with Baillon  
who D.C. tells me was very  
abusive of Decaisne. He was  
at least very. antagonistic to me  
in an introduction from--  
Vilmann & Audierex and  
was quite useful at the  
Paris Herb. where nobody  
speaks English. I was  
anxious to see some of  
Humboldt's specimen. which  
he was kind enough to look  
up for me. I left my card  
at Dr. Corran. but did not  
see him, as I hope to do on  
my return Well I have still  
some sight seeing to do here  
& must close as  
Yours truly C.C. Parry



I want to confer with you  
confidentially on some Californian  
matters.. particularly your  
relations with Mr Greene. he  
complains to me of your treatment,  
as not being generous &  
straightforward. - i.e. - making  
use of his information & work  
without proper acknowledgments &c &c  
There is a nasty jealousy kept  
up at the S.F. Acad. more or less  
against all Eastern workers and  
you particularly. which I do  
not like to see encouraged by  
such a man as Mr Greene.  
Will you say on this side we  
meet

Yours truly  
C.C. Parry

Westford, Conn Aug 28<sup>th</sup> 1885-

Dear Dr Gray Thanks for your  
letter of welcome, and enclosed  
papers. As I hope that you &  
Watson are both at home, I may  
conclude to anticipate the time  
you mentioned and go on to Cambridge  
early next week. for the few  
days I have to spare with you  
It is quite unnecessary that  
you should put yourself out of the  
way to accommodate me, and  
Mrs P. after her prolonged journey  
is inclined to stay here till we  
go west, and so thankfully declines  
your kind invitation  
It is so delightfully cool &  
pleasant here now that we  
quite enjoy the chance



In your paper sent, I notice  
you make a slip: the pen  
calling Tetracoccus monoicus <sup>exp</sup>  
instead of T. dioicus as it should  
be. Otherwise I am glad to have  
you clean up the middle so neatly  
and establish T. dioicus. Engelm & P.  
I am a little curious now to see  
just what Engelman did do  
in the way of description, as I  
took his pencil notes with me to  
Laramie, to put with the specimens.  
I see a brief notice in Martin's  
paper of the death of an old  
associate Chas. Wright (Aug 11<sup>th</sup> as  
I make it out) and 'brought dead'  
in his barn at 'Elkinsfield', '66.  
Course you will have a full obituary  
notice of a very worthy, though  
peculiar man.

This is my 62<sup>nd</sup> birthday and  
reminds me that, just at this  
age Dr Engelman wrote me  
in his playful way that he  
realized the necessity of "not  
getting any older" - but  
on the other hand, seeing the  
immense work you have  
accomplished between 62 & 74  
there is some encouragement  
left. I have saved  
yourself a great deal of tedious  
work in destroying correspondence  
as it has done its present purpose  
but I have kept mine from year  
to year, when though not extensive  
is at least bulky. Among these,  
the most numerous & continuous  
is that with Dr Engelman  
between 48 & 53. - Should they not  
be put somewhere with his papers?

Wetford Conn Sept 7<sup>th</sup> 1885

Dear Dr Gray

Yours with enclosure to hand  
Thanks for the news. Silene Veatchii was never  
published. as I concluded you was right in  
referring it to S. Californica. which Greene's  
specimen confirms. As me squaring spared  
I am in no haste to settle the Herbarium  
questions.

A word about Arctostaphylos. What would you  
say to change the name of A. Saufardii to  
A. diversifolia.? though Saufard was really the  
1<sup>st</sup> collector. he is hardly deserving of special  
recognition. and the latter name being the  
variety in my published account is quite  
characteristic & appropriate - but I only make  
the suggestion, leaving the decision with you  
Again I do not see how you can fit A. numularia  
into any other proposed section. It is characterized so  
remarkably by its thin fragile spike. entire absence  
of Sarcocarp. and its 4. separably deciduous nutlets.

Well Greene will be set up by his appointment  
which I know he has long expected. and it is  
to be hoped that the necessary training will  
help to sober him. I have yet to write him  
a report of our interview..

Yes Lemmon & wife are as lovely as ever.  
Stumbling upon them accidentally in the street  
I persuaded them to accompany me to Sargents  
where as they say we had "a field day."

Mrs S. (who is charming to every body) entertained  
us beautifully.

I also slipped away without meeting  
Watson. & apologies are due both to him &  
Murfay for my undue haste..

I am likely to remain here into next week  
Thursday. when we leave for the West via  
Saratoga Co

Yours truly  
C. C. Parry

Lemmon to turn up with you this week

Wesport, Conn Sept 11<sup>th</sup>/85-  
Dear Dr. Gray

It is no doubt  
better for you to say (after  
careful examination)

Phacelia ramosissima

var suffrutescens <sup>4c</sup>

I thought at the time better  
character would offer -

The enclosed letter from

C.R. Benth. may interest  
you in some points. When read  
it can be destroyed.

It is quite natural that  
Greene should want to restore  
Nuttall's genus under Ellisia.  
to justify his own work.  
but as a matter of judgment  
he will hardly be followed.



I shall give Brewster a hint  
to send Comp. & Munset to  
you. When they find much  
of Greene's work is not accepted  
collectors will not be so  
easily persuaded to abandon  
the old botanical headquarters.  
I have written to Greene  
giving a full account of our  
interview. venturing to assure  
him that you are more  
anxious to set him up (right)  
than to put him down (wrong)

We leave next-week Thursday  
for Santa Fe N.M. the week  
after to Denver

Yours truly  
C. C. Parry

We are having nice fall  
weather no frosts yet  
Mrs Putnam enquires affectionately  
after you all

Yours truly  
C.C. Penrose

PS  
I found copy of Synop 7<sup>th</sup> Part 2  
but without autograph h. So  
I shall keep the latter.

Davenport. Iowa Oct 5<sup>th</sup> 1885-

Dear Dr Gray  
Home again at last  
busy in putting away loose things  
arranging notes &c.

Frederic sends me his papers  
& promised specimens. Have  
not yet taken time to examine  
critically.

His new Pterostegia are clearly  
P. macroptera 13<sup>th</sup> which he does  
not seem to know

He still seems sore over

Eritrichium &c &c

I get a short note from J. S. Silliman  
announcing his return. and

hoping the republication will  
soon go on, other matters to  
wait-

I shall soon be taking up  
Erigeron of which I have  
considerable material, as I think  
I told you before E. Salsuginosum Nutt  
has not a regular whorled involucre  
but a series of spiral bracts, nearly  
as distinct as Nemacaulis, on  
which Nuttall based his genus  
Stenogonium, if Nemacaulis is to  
be kept up, and cannot properly  
include E. Salsuginosum. I do not  
see but Nuttall's genus must be  
established. Though E. Divaricatum  
is a connecting species, with a  
regular whorled involucre.

Then it is a serious question  
whether Oxytheca can be kept  
up on its own, as better than  
a sub genus ! !  
! !

While on this point, you should  
look again over Pringle's spring  
plants. where one is cursorily  
passed over as Erigeron?  
but is quite a different  
thing. A small scrap I brought  
with me shows it to be a very  
singular Maupet. with inferior  
ovary. Two styles & imbricate corolla  
In fact I should hardly know  
when to put it. (Rubraea)?  
but you will see at once when  
you get your eyes in it

I hear nothing more of  
Lammon but we shall see  
him soon as he has relatives  
here. Pringle writes in excellent  
spirit, "Cypripedium parviflorum" &c &c

In the mean time I feel as  
if I should be at work all the  
time and strength I can spare  
to put things in order & lay aside  
the mass of duplicates which now  
encumber my collection, also to  
get rid of considerable useless trash  
What I now write you, is rather  
a disappointment to you in reference  
to your St Louis plans, but you see  
just how the matter stands, my  
good-will in reference to the Engellmann  
matter is as strong as ever. If I can  
only see my way to carry it out.  
I have been just going over  
criticismum to put under the new  
arrangement which I have fairly  
well represented - (a doubtful sp enclosed)  
I am much & think well of some of the forms  
n. sp. Prodictyon i. e. E. sessilifolia and  
his referring Stem lobbia to Prodictyon?  
but all this another time

Yours truly

E. C. Horn

Oswegoport Iowa Oct 21<sup>st</sup> 1885

Dear Dr. Gray I have been

taking the matters you suggested  
under consideration. You did not  
send me Prof Trelease's address  
or I would correspond with him  
directly. I have promised Dr. George  
Engel, to go down there for  
2 or 3 weeks sometime during  
the fall or winter. But what you  
say in reference to the editing  
of Engel's botanical papers does  
not seem to require my special  
attention. George's idea is a simple  
republication without notes or addition  
which he thinks would involve great  
delay & "can wait" - Under such  
circumstances I do not see why  
any one else of sufficient botanical  
information & accustomed to editing  
could not do as well or better than



me. and as Prof. Inglese seems  
willing for work he could see  
to it under our joint supervision  
I do not wonder that you want to  
get it off your hands. with so  
much else to do. and I have  
enough to do for months or years  
to get my own herbarium in  
order. What I especially dread  
in reference to the proposed St. Louis  
matter is that my working capacity  
in that rather trying climate may  
not hold out, particularly as I have  
to look after a local pulmonary difficulty  
that seems aggravated by confinement.  
For this and other reasons. my inclination  
is more for California. and I have  
just received a very favorable  
letter from Senator Stanford. to whom  
I made a proposition to dispose of  
my collections & library as a  
botanical nucleus for the proposed

Industrial Institute. I infer from  
the way he writes that he could  
be induced to make a move  
in that direction. and as I have  
referred to you. and you have also  
intimated that you expected to have  
an interview with him this winter  
at Washington it is well that you  
should know just how the matter  
stands. I therefore enclose you  
his letter which please return.  
as it requires no immediate answer.  
I shall let the matter rest.

My proposal was (which I mention to  
you in confidence) to dispose of  
all my collections & books for a  
round sum of \$10,000, - with the  
condition that it be properly cared  
for and be accessible to me at  
all times. either as curator or  
under some one approved by me.  
So now you know the exact state

I am

Davenport Iowa. Dec 28<sup>th</sup> 1885.

Dear Dr Gray

I have received from Mr Peck a scrap of his Meristelia fruticosa which I cannot make specifically distinct from his P. galioidea, which he now admits = P. macrospora. Altho I should feel like arguing the matter with him only he lets out that he is going to reinstate 2 of Nuttall's species out of P. drymeacoides, which lets me out.

Mrs Curran also requests me to change the name of her Chorizanthe hexantha. to C. insignis Curran, which is very appropriate? to an inconspicuous plant 3 inches high & so they go. I enclose letter to Senator Stanford, in which you can if you think proper enclose your card. I think you will find him well-inclined, and disposed to

listen to any suggestions in regard  
to a botanical dept of his proposed  
Institution. - It is perhaps as important  
as anything that any bad elements  
should be kept out

Yours

Yours

C. C. Parry

Havenport Iowa Aug 26<sup>th</sup> 1886

Dear Dr Gray

I do not know whether  
you have yet returned from Washington  
or whether you intended to extend your journey  
further South. I hope you succeeded in  
having an interview with Senator Stanford  
and that it was satisfactory.

Well at last Mr Curran's partament  
(Enragamus) Mammalia. has brought forth  
its "ridiculus mus": in the fullest English  
sense of the term. I do not know that  
it is more or less than could have been  
expected from the surroundings. I have  
written a very temperate - but not complimentary,  
notice for the Bot. Gazette. and that will  
furnish an interest in the matter.

In case you have not received specimens  
which after repeated solicitation have been  
wantonly doled out to me, you need not, etc.



Not her Eng. gormphine which was to  
smash Nemacanthus, is as good and well-behaved  
an Eng. ~~but~~ need be, with a clearly defined  
an introduction as E. angulatus to which it is  
nearly related. Her (very) rather insignif.  
(an inconspicuous, thing 2 inches high) is  
a good Oxytheca. Otherwise her  
paper speaks for itself! I have  
written very plainly to Greene in the matter  
but have closed correspondence elsewhere.  
We are having severe winter weather. but  
It does not disagree with me. and I expect  
to work along till March or April. before  
leaving for California via New Orleans  
I am now selecting 1000 sp for the  
Nebraska egg coll. which is a slow job  
as I have to stop frequently to make  
examinations & corrections.

Our Reading is in a mudle on an  
Archaeological controversy in which I take  
not active part.

Hoping that this will find you well  
(sincerely)  
as ever  
your self  
C. L. Parry

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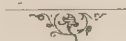
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Davenport, Iowa, March 14<sup>th</sup> 1884

Dear Dr. Frey

and nice writing you

I have received Symp. H. Surplum & also your letter in return, from Washington.

Of course I was a little disappointed (though not surprised) at your failure to meet Leander Sharpe. Though partly an accident, I know it is not always easy to reach him. — but it may be just as well to try a flank movement. I sent Supplement to &c at once to the binder so as to have — — — — — four petals at my fingers end. I see you hardly touch upon freener for now. but accept many of his sp now. and return the rest to — — — — — I have not heard how freener takes it

It is not better to say that no Lind's specimens have  
mixed up with all Lindley's in I Cal collection.  
which he says it "very closely resembles but from which  
I can show you how to distinguish it at a glance."  
He also met all I near Mt Diablo, 1884. but overlooked  
its character -

I have just heard from Bingle about 2 start  
for Mexico. - He has about decided to start  
from here via port of April stop over a few  
days at St Louis and then by boat  
to Orleans. - Then stop over at El Paso & perhaps  
over come to San Bingle at Chihuahua. - So on  
to San Cal & then select some quiet sea side  
spot to return here in the fall.

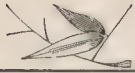
Write him 2 at St Louis what is the prospect  
of getting the Engel Herb. in accessible quarters.  
The Curator D.C. Herb Nat Busch writes to see if he can  
get the loan of Engel. Salicis & Populus for his  
improved monograph. I suppose this might be arranged  
with few Engel consent. - but how could they be  
best sent in or received in.

I have been dipping down into the Lower order framens  
etc to get them arranged and named.

What do you think of peener new Ranunculaceae form -  
R. hirsutus for?

Yours truly  
C. B. Perry

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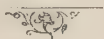
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Davenport, Iowa. April 1<sup>st</sup>, 1886

Dear Dr. Froy

I have just got a broken set of Palaeont. Mex Pl. 1885 - many interesting things. When will your list be out? After a careful consideration of all the pro & con in the case I have decided to postpone for the present our proposed trip to California, and keep quietly at work here. Look a little more into the St. Louis matter, and later musketeer in Wisconsin. One of the strong reasons leading to this change of plans, is the apparently less agreeable social relations with Cal. Acad., and the spirit of lawlessness connected with the anti-Chinese movement. I was glad to see that our good friends Prof. Bidwell took a bold stand at the Sacramento Convention, against the boy CM! but without effect.



I have felt deeply grieved at the  
growing disagreement between you & Mr Greene  
which now has reached the point of  
non-intercourse. I do not see well how  
you could do otherwise, but I have hoped  
all along that Greene out of respect to  
your position and years would at least treat  
you with respect. - When I think of the  
immense work you have done during the  
last 50 years for N. A. Botany, I  
do not see how anyone interested in Botany  
can regard you with any other feeling  
than respect and gratitude. I have  
seen clearly that an important work must  
some time be done, in revising systematic  
descriptions from an extended observation of  
living plants, but this need not be a revolutionary  
process, and can be most successfully carried  
on by building on the foundation already laid.  
Certainly not by pulling down the work of others  
and accumulating piles of rubbish for others  
to clear away. I feel quite inclined to agree  
with some of Greene's views, but cannot credit  
the spirit in which they are brought out.

I had not heard before of Tuckermans death.  
We are having a frost of snow for April 11.  
Mrs Putnam is quite elated with Vol IV Acad. Journal  
asked me to send you a proof. -  
Prof. Engelmann is up to the building  
and does not want to see me just now.

Yours truly  
H. S. Gentry

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Davenport, Iowa, April 7<sup>th</sup> 1886

Dear Watson

I take the enclosed to be your Eniop. Mojavense w. ?

One peculiarity of all my specimens is that the flowers are imperfect nearly all pistillate; in fact I had difficulty to find a single staminate flower in the dry specimens. Do you find this the case with the original Palmer specimen?

I have been lately skimming among the obscure annual species making careful dissections & notes. I think it might be an advantage in the classification, if the annual & perennial (& biennial) species could be kept apart as they are in fact largely in other natural characters. Then they would come better into line with Chorizanthe -

I think I would conclude the genus with an epithemoid group. which would make a very

natural section introductory to Oxytheca vera (with wrens)  
I do not know whether Mrs. Chasman, gave you with  
specimens of her n. sp. Her paper must have  
the idea of comparing Lestasteria peruviana? with Hollisteria  
is right. I told her before publishing that her  
Chorizantha was an Oxytheca, in ref. she  
requested me to change the 1st name (C. hexantha) to  
C. insignis! But what can we do with such  
stricks but to "Let them alone"

When do you visit California this year? I am  
never coming to see you.  
I have friends in California for the present  
too big a crowd going there.  
We have deep snow got on the ground.  
When do you publish Palmer's & Hillebrand's (1885)

Yours Truly  
C. C. Tarry

Wilmington Nov 21st 1881

Dear Dr Gray

I have been  
down to Pakenham (Ogunka) in a  
few days. At the time I had the  
chance to look over Pringle's last  
gatherings — (1885)

I infer from specimens, that you  
reduce Perizyle aglossa = P. Parryi!  
I see Pringle's specimens are sparingly  
tagged. otherwise good P. ag. but  
I can hardly think that P. Parryi  
with its broad reniform leaf can be  
the same, perhaps Harvard's specimens  
from near original locality — show the  
original form. — The best of the  
original specimens of P. Parryi are  
in the New Herb. — but then the species  
were transposed and P. aglossa marked  
Parryi & vice versa. What is the  
real state of the case?



I have not a correction slip  
to go at the end punctulatus  
capitulatus sp. I please  
send.

Have you heard of Jones  
last season? 2-13-12 -

Embrace Romanism!!!

Lemmon send me such an item  
in a California paper -

Orcutt has got well down into  
Lower California. with good prospects,  
"plenty of rain," I hope he will  
pick up some good things and  
clear up some doubtful ones.

Mr Curran was to make a 6  
weeks trip into the Mojave - and  
Erizogonum will have to suffer

Hope the warm weather will  
bring you up.

Yours truly  
C.C. Parry

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Davenport, Iowa, July 25<sup>th</sup> 1886

Dear Watson

Will you please give me the marginal date of Pt XVIII. Biol Cent Am. — which would commence with page 377 Vol. III. This number is missing with me and I am not sure if it ever have come during my absence.

I have now gone nearly over all my *Progenum* material. — I still lack the following *Desiderata*, many of which are I suppose inaccessible. Whatever you can supply (even loose fragments) and especially fruit will be acceptable.

My *Desiderata*

|                            |                            |
|----------------------------|----------------------------|
| 125 <i>E. acule</i>        | 140 <i>E. Lemnii</i>       |
| 127 <i>E. androsaceum</i>  | 141 <i>E. Tachyphyllum</i> |
| 133 <i>E. brachypodum</i>  | 142 <i>E. longifolium</i>  |
| 151 <i>E. ciliatum</i>     | 139 <i>E. panduratum</i>   |
| 149 <i>E. dasycanthum</i>  | 149 <i>E. scalare</i>      |
| 147 <i>E. fordini</i>      | 141 <i>E. schaeferi</i>    |
| 152 <i>E. Navardii</i>     | 143 <i>E. strictum</i>     |
| 133 <i>E. hieracifolia</i> | 155 <i>E. tamariscinum</i> |
| 135 <i>E. Hookeri</i>      | 157 <i>E. Thompsonii</i>   |
| 141 <i>E. ...</i>          | 158 <i>E. Watsoni</i>      |
| 141 <i>E. ...</i>          |                            |
| 141 <i>E. ...</i>          |                            |
| 141 <i>E. ...</i>          |                            |

In the letter I will as follows

*Crucianella hirta* Watson *l. alata* Torr  
= *Crenulata* Jarry ind = var *l. angulatum*  
*l. sinuatum* Penn *l. Lobbi* etc

But the name in C. H. Wright's coll *l. glandulosum* Nutt "is  
near it" from Virginia etc = *l. articulatum* Watson.

But you can not come & see us in your outing  
this year. Your relation Mr S F Smith has one of the  
most residences in town and Prof Holden is also  
nearly fixed - all within reasonable walking distance  
of my hall & Acad Societies. I hope will be  
that you better than they in all particulars

Yours Truly

C. C. Jarry

Charlotte, Vt. June 24 '86

Dear Sir,

Yesterday I sent you a box  
of Nymphs. The advena on the left  
and luteum & *U. purpureum* are  
together. I sent them just as they  
grow in the Le Platt. *U. purpureum*  
said to be the same between large  
purple and small luteum.

I find the roots of advena, where  
they grow in firm clay soil, are  
more like *holcuspium* than I  
supposed. Those Mr. P. and I had  
collected before, were in a pond  
and grew in soil about as soft as  
thick cream. The roots of these were  
more like the large ones of *purpureum*  
in shape. Those of  
are more like *Nymphes odorata*.  
I suppose that I had not seen  
any other like them.



Later I shall go to Shulburne  
Pond and will take notice of the  
roots there. What first called my  
attention to the roots of Willoughby  
was one floating on the top of the  
water and almost identical in  
shape with what we had had from  
Black Tern.

Don't let Charles go now and  
if now is any thing else I can go  
for you at any time, please let me  
know. We have an order from  
Dr. Goodale for some plants for the  
Garden and among them is  
mentioned N. polysepalum which  
we will then send, as soon as we  
get it from Washington.

Mr. P. is still home though he is  
very impatient to get back to Mass.

Sincerely Yours  
A. H. Sargent

Davenport, Iowa July 9<sup>th</sup> 1886

Dear Dr Gray

You may think from  
the enclosed that I have broken  
out with the old complaint. but  
I hope the facts in the case  
will bear me out. — I have  
now been several years watching  
this thing. and now after full material  
has come into my hands I could  
not well resist the temptation  
of putting the results in print.  
I should probably have had it  
in a little different shape if I  
had not previously corresponded with  
Freese and got somewhat committed  
to his views, besides wishing to do  
what is just & right. and hearing  
that he would be absent for a month  
or more exploring the Sta Barb.  
Islands. I had to act without advising,

with him - so to avoid any cause  
of disagreement. I associate his name  
with mine in establishing the genus  
Hayfordia! I think you will certainly  
agree with me in the necessity of  
the case and though I may not have  
put it in the best shape it will  
have to stand. That you & Watson  
can both judge for yourself. - (if you  
have not yet received Brecht's specimen)

I enclose a scrap exhibiting the  
essential characters - I will afterwards  
send copies of papers for distribution  
Besides this Brecht sends full sized  
plants of Eriog. Scalaris Watson., and  
Chrysanth. Fernandina from a new locality.

I have just had a visit from  
Mr Wm Fawcett. ast. at British Museum  
who hopes to call on you on his  
way home next week

I have been looking to receive  
from you a Bot. Card of which

I have seen notices (Ranunculaceae)?  
it issued with Watson XIII)

I have been keeping quiet at  
home trying to keep cool. will make  
a short trip next month to Wisconsin  
I have been intending to write to  
Watson for some time to acknowledge  
the Eriog. Desiderata so kindly sent  
by him. also to give particulars  
of the death of a mutual friend  
Prof D. S. Sheldon!

Hope to hear that you are  
all well & happy

Yours Truly

C. C. Parry



# Davenport Academy of Natural Sciences.

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Davenport, Iowa, July 12<sup>th</sup> 1886

Dear Dr. Gray

A "second sober thought" inclines me to think that I may have been too hasty in establishing Narphra as distinct from Pterostepia!! I should have considered that a complete separation of sexes, is not sufficient to establish a genus, where there are so many instances in other genera, and is indeed anticipated in P. drymaria in its imperfect polygamous flowers — otherwise the perennial habit is still less important —

So I shall be ready to receive your adverse criticisms, and if very decided it may be best to print a note of retraction — at least suspend distribution — at least you will as usual give me your candid opinion. When I can take the matter under consideration, and repair the mischief done before it goes farther

Yours truly

C. C. Parry





Organized in 1867.

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Davenport, Iowa, July 16<sup>th</sup> 1886

Dear Dr. Gray

As you do not seem inclined to sit down on Harfordia I suppose I may let it stand. I have been puzzled to know just how to describe this character of Embryo  which belongs to Harfordia, and the Alata Sect. of Eriogonum. Of the latter you say p 154 "Embryo rectus, seu rectusculus, axilis" in place of "rectusculus" (which implies a contradiction). I prefer excentricus. Benth. in DC 14 - p 6 has it "Embryo axilis, fere rectus vel leviter incurvo-excentricus". Taking axile to mean an embryo in which the radicle is in a direct line with the joining cotyledons () by qualifying it as excentric I merely push it to one side as above, so I do not see any contradiction, or why it does not cover the case.

I send herewith by mail parcel, a fair specimen  
of Corydalis Brevifolia Watson. which has always seemed  
to me too near C. serena P.

I also include for Watson's benefit a selected  
specimen of Harfordia, and a rooting branch of  
Erigeron scaberrimus W. The specimens are too young to show  
the floral characters but clearly frutescent.

I have just parled with Mr Wm Fawcett of the  
British Museum who expects to call on you next  
week on his way home to London.

No late word from Greene who should be now  
luxuriating in the Islands of St Barbara.

Thanks for Bot Cante which did not reach me  
before. - missed somewhere - You make short  
work with some of Greene's species.

Orcutt seems to have sent me his stock of  
Harfordia so that I can supply limited order at  
25-cs per specimen by mail -

Yours truly  
C. C. Parry

St Louisport Dec 14<sup>th</sup>, 1861

Dear Dr Gray

Letter of Dec 5<sup>th</sup> came  
on my return from St Louis.

I found George & (as usual) upset,  
with unfinished work about the house  
and that "bloody" hospital. I saw  
his poor wife has to take the trunk  
but they were both pleasant &  
agreeable. I also had a pleasant  
time with Melrose whom I met  
in the St. Louis. He is lively &  
ambitious to do up his business  
and keeps in with the times of  
numbers, in money. He has a  
quite sharp & lively, but has no  
idea of doing anything like a perfect  
job. I think I shall write





Davenport Iowa Oct 20<sup>th</sup> 1886

Dear Dr. See,

Thanks for connections  
which can at least be incorporated  
in the Vol edition perhaps a few  
extras -

I do not see how you can  
properly claim more than  $3/5$  the  
truth in your Xanth's paper remark  
as you failed to discriminate between  
the external cauline bracts & the  
true internal ones. Though  
you almost stumbled on it  
in referring to the "enclosed prophyllous  
sheath" - The wonder is that the  
unusual number 5 in the supposed  
bracteal whorl had not suggested  
a double series - Then again in  
later publications you fell back on  
the accepted view "Indolocrum nullum"  
in point of fact Lactaria

Note the same relation to  
Myrica as Nemacanthus does to  
Erigeron.

We must take time to work  
up the Hooker excursion.  
I should say even better  
to include February in the program.  
Mrs Gen Bidwell goes to Washington  
this winter - so you may meet  
her there at your Smithsonian  
meeting. I will get things  
ready for you in California

Ever yours

A.C. Parry

Regards to Laksdag, who has relatives  
in Denmark!

Amaranthaceae - which I can  
put into my own hands to me  
now, near Clatskanie, but it  
was a considerable perianth, 5 stamens  
and 2 lobed utricle. If you  
have not time to look at it  
please turn over to Watson.

It is an evergreen succulent  
plant, which seems to mature with  
the fall rains & then rapidly  
dries up - so that even as early  
as Nov I had some difficulty  
in securing fresh specimens.

I shall probably have occasion  
to write to you from San Francisco  
We are both well & heartily enjoying  
the fine scenery & pleasant drives  
feel & Mr Bidwell desire them  
kindest regards and are exceedingly  
anxious that your proposed trip  
shall be carried out. Making  
Chico head quarters - We are now  
off for a drive. weather delightful  
very truly yours

Rancho Chico Cal

Dec 1<sup>st</sup> 1886

Dear Mr. J. After a long  
circuit via the Ocean - it has  
been turned up at this charming  
spot always attractive in every season  
Mr Bidwell is just preparing to go  
East for the winter - and Genl. Bidwell  
goes after her later - probably not to  
return till April or May - so you  
are likely to fall in with me in  
both at Washington & C in your  
usual Smithsonian business.  
If your plans are carried out  
for a winter trip with Sir Joseph. Hooker  
I will be well to take them in your  
way, and arrange for some little  
excursion from here towards Shasta  
or the Coast range - which they have  
in contemplation. My suggestion would  
be for you to do what you can in  
the matter of transportation, with



the Boston office - also in State  
Atlantic & Pacific &c and in case  
U.S. Senate should be in session  
call on Senator Stanford, and present  
all papers, or letters to the RR  
officers here for transportation over  
the California system - I have not  
the least doubt that this latter  
can be arranged satisfactorily and  
I will see to having the matter  
properly presented before hand as soon  
as you can decide when & how you  
will come - Senator Stanford gives  
me every thing I ask for in that  
line, and I shall put the matter on  
the basis of your interest in the  
Botanical Dept of his Imperial University  
I, I would say the sooner you can  
get there, i.e. later than March or  
(better still in Feb) taking the South route  
and arrange for at least 6 weeks  
in South California, in which I will  
make provision to accomplish the  
most - thence working north - By  
my next the Shasta region will be  
accessible by RR

Next week. I go down to San Francisco  
to interview Green. Lemmon &c  
I expect rather a lively time  
in discussing the Cour collection  
and the latest pronouncements on  
Bacteria - Thomas Christman  
will return to Collier for temporary  
winter quarters, perhaps making  
camping trips to San Diego &  
San Bernardino &c &c  
Should you desire this at  
once please direct Car Acad Soc to  
San Francisco & later to Collier, Calif  
On the way out I stopped over at  
El Paso & met Mr Pringle. He  
was about closing his season work  
in Chihuahua. We also stopped  
over at San Antonio. There  
you are kindly remembered by  
the chatty landlady Mrs Brown.  
While there beside Bursaria musculata  
in fine fruit. I picked up the  
enclosed curious plant which I look  
for a sp Portulaca - but on examination  
I find it a remarkable "anomalous".

We are glad to have your  
accounts of the Bay Trident and  
which was found as gratifying  
to me as to much from the  
fact on the expression of so  
many American botanists.

Mr. Vasey sends me a  
copy from the Botanical  
Gleaner to San Francisco  
sent till July 1886. - so I only  
time to use it in - the Pringle  
to give me to call on me in his  
very name was hurried off. by  
mistake have determined it to be  
the Lemna, also (miss.) - but  
I suppose being called to by the  
death of old Mr. Lemna,

Yours truly

C. C. Perry

New York Jan 10 1887

Dear Dr. Perry,

I got my Pringle  
Pringle from  
the Currier in a n s h  
Pringle. C. hexantha. Currier  
which is a very good Oxytheca  
near to my O. caryophyllata  
but quite distinct. - I have  
concluded to suggest that in  
transferring it to the Pringle  
Currier. It would be better also  
to change the specific name,  
as the number of flowers is a  
variable and poor character.  
Perhaps we will still insist  
that it is a good Pringle  
more Pringle

See from us in that  
the has included to do that  
it really remarkable a year ago  
they were Amazilia and  
erythron, very as evidence  
of the history of a lot of  
them which, which I have not  
seen. and now in something like  
from a new color, that this  
has not consult with him before  
publishing - as a new species  
but it is not all over a  
"very lovely" - I hope I shall  
and be the means of making  
them more unhappy, when the  
promised erythron publication  
comes out.

As the same for L. from

to whom I sent fragments of  
Parus, maculatus, which I  
had compared with the type -  
the - but, that I is here  
I understand, but consider it  
the Parus "imperfect" Parus  
is not allowing to be having  
wing - as the whole number  
the Parus is a good one.  
What a nice a sp. is that of  
the Parus & Parus from  
but a very fine name, I suppose  
the Parus is a good one.  
I. Parus.

I have been working through my  
"red parrots", getting them as far  
possible with the appropriate  
in barium specimens - but you  
own the material, which does not  
mean I have a complete specimen?



Academy of Science San Francisco  
Dec 20<sup>th</sup> 1886

Dear Dr. Gray

Your letter about  
Chile has followed me here  
where I have been for two weeks  
and as the weather is not unfavorable  
will remain & winter before  
then move south to Chile. I  
do hope that your birds will come  
out this winter - but there may  
be more to see in the  
spring. The little volcanoes north is  
opening up the Andes country and  
will afford good observing. go now  
You should at least try to see  
that country this way - and then return  
home via North Pacific -

Mrs Bidwell by this time has reached  
Washington. It will be good to see  
you. I hope you will stop to return  
after March 15<sup>th</sup>.



I am putting in my spare time at  
Acad. skinning an animal &  
fellow who is now full of glaze Prof  
'Hist' at University. is also Curator of  
'Acad. Herb. assisted by other Curator.  
but they do not seem a happy family,  
Mr C. has lost his botanical zeal and  
is giving his attention to Acad. politics  
being at the bottom of a bitter personal  
controversy to cast Davidson from the  
Presidency & put in his place. to be done  
as result of this move will be to  
help Kellogg & Huxford who belong to the  
other side - He seems as neutral  
but he is heartily for Mr C's  
administration. So the coming annual  
election taking place Aug. 3<sup>rd</sup> is likely  
to be an interesting one. and I shall  
be very much to see it out.

I just get a line from Lowman  
& wife - who have been married a long  
time & happy in a happy home. and his wife  
is now making a beautiful claim

James Cooper has in his very  
interesting journal of specimens found  
while hunting up in the Coast Range  
collections - &c.

I have now seen  
complete specimens of Hesperis a fruticosa  
and find that it conforms closely to  
the generic character - being clearly  
erect. I found plenty of ♂ flowers  
intangled in the foliage - hardly to be  
conjugated from H. macrophylla, in fact  
the specific differences are only in  
habit. H. fruticosa being a stiff upright  
shrub with broad spatulate leaves, also  
with different shaped involucre - so that  
the two nicely conform the genus as  
distinct from Klenzleria - which beside  
being herbaceous, has lanceolate fls.

Greene is rather proud of his  
botanical work, especially as it stands  
a match on Watson. - I have been  
over the specimens as arranged by  
him. which seem well arranged.

I hope you will be able - without  
giving out of you too - when in Washington  
to interview Senator Stanford - and  
ascertain his views in reference to  
the Bot Dept of his University - he is un-  
willing to take advice, and is moving  
deliberately - what you might suggest  
to him I have no doubt would have  
weight - especially as he will see  
that you can have no personal interest  
What is particularly desirable is to  
suggest the remarkable capacity  
of his location for horticultural  
enterprise - what if placed on a River  
Scientific basis would make it one  
of the wonders of the world? -

When you get your plans made out let  
me know how I can help you. Probably  
the safest address for the present  
will be Cotton Cal's wishing you are  
that a pleasant & profitable - with compliments  
of the Season in which Mrs. P. joins

I am very truly yours - C. C. Parry

329 O'Farrell St. San Francisco Cal.  
March 2<sup>d</sup> 1887

Dear Dr Gray

I have heard of  
you occasionally through Mr Greene  
but not from you directly for a long  
time. Our winter has passed  
quietly and uneventfully mostly  
in town with occasional short trips  
into the country. I do a little skirmishing  
in the Acady Herb. but it is not  
a pleasant place to work, and though  
there is much to see and plenty to  
do, it is not satisfactory.

One of the best things (by following up  
a clue given by Mr Curran in a  
leaf specimen) is the bringing out of  
a very distinct n. sp. Arctostaphylos  
which is now in fruit in Greene's  
paper "Pitonia". Arctostaphylos  
I enclose a fair specimen with  
growing fruit, which will show you

I see considerable of people who keep  
busy at Jan & SF making some  
of which seem well taken. You will  
see his "Pitonia" which is his latest  
break, and likely to provoke trouble  
at the Acady. by drawing off from  
the institution. The fact is he does  
not like Mrs C. and the new  
administration not being now in  
an independent position at University  
is withdrawing from Acady —

I expect to see Senator Stanford on  
his return to Cal. I have ventured  
to advise him to consult with you in  
reference to Bot Dept. - then confer  
with the other. Please address as above  
for the present a Cal. Acady

Yours truly

C. C. Parry



its characters. closely allied to  
A. nummularia. but very distinct  
not only in its foliage and floral habits  
but also its geographical range - in the  
interior away from the Coast. I  
shall go again later to the locality to  
secure the fruit.

Another matter I have taken up  
is Alnus which I have frequently  
collected but never carefully examined.  
The conclusion to which I have come  
is that the Common Alder of the  
interior country including South Cal.  
and New Mexico is a single and  
not very variable sp. to be included  
under A. rhombifolia Nutt. what has  
most surprising is an obvious  
character of the male catkins.  
heretofore overlooked, and peculiar to  
this species viz. that the perianth

of the usual number 3. with more or  
less unequal segments have quite  
constantly 2 stamens on long  
exsert filaments. These rarely  
in 3, or sometimes reduced to 1  
so that the generic character  
will need to be modified - In  
stamens 1-4, filaments short  
exsert.

Another peculiarity is its  
unusual early flowering. Starting  
almost before the leaves fall and  
being perfect and effete before  
the new buds swell, quite passed  
over the present backward season  
by 1<sup>st</sup> Feb. as far north as Chico  
while Alnus rubra when last seen  
2 weeks ago; had not yet lost its  
scales while the leaf  
were pushing. I read a short paper  
on this at next Acad. meeting,

Alcedo, Prince

San Francisco Cal.

March 24<sup>th</sup> 1887

Dear Dr Gray

Your sudden  
"change of base" was rather a  
surprise - but I hope it will be  
a good move and a safe return  
- I have barely time to reach  
you with a letter, and you will  
be too busy to look at small  
items - But besides

Archistophyles myrsifolia which is  
as good a sp. as there is in the  
genus. I have stumbled on two  
more = good, of which I send  
enclosed scraps. - A. virida var.  
is very different from A. glauca  
in foliage fr. & other particulars  
of which I need not now trouble  
you. The other is a find of  
Mr. Curran last year in fr.

one of our in fl. it is one  
the prettiest sp. to which this  
scrub does not do justice it is  
in full fl. after 8 p.m. which  
year with it is in early fruit  
I will later send full specimen  
to you at Kew, to be kept there  
as per R.R. transportation  
is to be cut off after April 30  
I shall probably have to leave  
the field and return to Liverpool  
by May, unless I can make  
some special arrangements  
with Senator Stanford - which  
I hardly expect - It is not  
likely however to be a good  
botanical season - not enough rain  
and ground rapidly drying up  
So I console myself that I  
may only be losing some hard  
work & poor results

You have seen L. L. Jr.  
last afternoon - I think it  
would rather please him to  
have it noticed - but as you  
have decided on a different  
policy - I suppose he will drop  
this career.

I may have some special  
messages to send you at  
Kew. till then please remember  
me kindly to the gentlemen  
there - with best wishes for  
a prosperous voyage.

I am, dear Sir,  
C. C. Parry



William L. Hatcher is at a cross  
roads with the open hostility  
of the two Curators, Greene & Cuvier  
and the absorption of the latter  
in political maneuvering. I keep  
his precarious position close, but  
do not go by it.  
Scholar Hatcher is going on with  
his University business, but is  
not ready to organize, for  
instruction, will go back to his  
normal work this winter. (The  
last session of you will miss Prof  
Hatcher at Smithsonian! Well of you  
then time for me to send you  
my specimens sent by mail  
your truly

C. C. Parry

By all accounts we  
could have returned by this from  
your Jubilee trip. at least I well  
venture to send my congratulations  
and hope that the journey has proved  
invigorating - Of course many things  
will claim your attention after your  
absence - You see I am still  
lingering on the Pacific Coast, not  
very lively, but trying to do what  
comes to my hand, I have tackled  
~~retrospectively~~ (B. Woc-moi) as you  
will see, involving some changes  
which might be in the better, if  
fateful circumstances work in  
favoring such a result - At least  
I think that I should know better  
the North American fauna  
studied than in all things of growth



I will send you samples  
explaining my paper, you can  
see the difference  
which is beyond me that of all  
that I know, one of the most  
common and distinct species,  
which have been so far  
confounded with other species, but  
of course is due to the fact  
the specimens have not included  
it before. It is such a discovery  
the difference my means in distinguishing  
A. manilla, which from A. fungus H.B.K.  
they could certainly have to be  
discriminated some time, and I  
do not see why I should not take  
it. But I need not argue  
these matters now.

A. manilla that I have now seen in  
the ~~the~~ original locality in to and am  
satisfied of its distinctness

I have also seen A. manilla  
which is also clearly distinct

What is now needed is to take  
up the Southern forms, which  
I hope to do at least partially.  
The former helps on the unlabeled  
form - a very "A. manilla" which  
was left, he has fallen on to  
later with his shaded associates  
and will publish hereafter in his  
own publication (Pittania), and in  
his own way. I think he has  
well taken up Pittania and  
will of course do some modifying  
work, removing some genuines to  
Phlox, reinstating Manilla &c.  
He is also getting ready to remove  
Harbeticus & Lozza to Pittania  
to anticipate your work.  
There are rumors that he will soon  
take Orders in Catholic priesthood!

San Francisco Sept 12<sup>th</sup> /68

Dear Mr. Watson

After nearly 2 years Sojourn. we are now about turning our face Eastward, will leave for Davenport Iowa 28<sup>th</sup> inst I have already packed and forwarded my bundles of hay to add to the old pile! Though tolerably active for an old man I have mainly confined my collection to specialities, giving the past season considerable attention to Ceanothus. of which I have considerable new material not yet communicated to Trelease

There are no doubt other things in my collection that will interest you. When I get time to sort up

and distribute.

It is <sup>the</sup> <sup>fall</sup> of I feel  
East as Cambridge the  
coming winter. How sad it will  
be to find dear Dr. Gray missing!

I suppose you have probably  
sent your late publications  
my address at Davenport. which  
I shall find all right in any  
return otherwise will advise, and

I have seen considerable of  
Freese and his vegetation as well.  
crossing his path I manage to  
keep on friendly terms.

Lammie & wife have a  
salaried position in the State Board  
of Forestry and are now in the  
field. Dr. Anderson of St. Cruz  
accompanies us on our Easter  
trip and I presume will put  
in his appearance at Cambridge  
this fall.

Palmer whom I have  
not seen is at San Diego  
rusticating. his collection from  
Mt Whitney district has all  
gone to Vasey at Washington.  
He sent me a few specimens  
of a new Staphylinus. which I  
will study up later. he requests  
me to send you one of the  
3 specimens which I will do  
when finished up.

Of course you keep busy  
but if you can find time to  
drop me a line last of  
this month I shall be glad  
to hear from you.

Yours truly  
C. C. Parry



Davenport. Iowa Oct 15<sup>th</sup> 1888

Dear Watson

I am back again in my old quarters after near 2 years absence. I find many things requiring attention. but hope to get straightened out in time and then take up some deferred botanical work - My collections of the past 2 seasons have not yet come to hand but expected daily. Then I shall have something to distribute that will interest you. On my way back I made at least 2 nice snatches viz. Eriog. Watsonii and the rare E. lancephyllum the latter in the famous Canon. It answers well to the description in Torr & Gr but the flowers are larger than noted. of course I reserve a good sh for Gray Herb. Among the numerous pamphlets here awaiting my return I find nothing from you later than Cont No 13. (issued June 1886), Please send any later ones. especially including Palmer's Coll of 1886.



I shall have to make a review of Chrysanthe  
including some changes. and ~~over~~ <sup>on</sup> ~~to~~ <sup>in</sup> s.p. I now  
recognize the true C. Douglasii a small species  
quite different from the one distributed from  
Sta Cruz. which is much better a variety of  
C. valida.

I shall also take up Ceanothus  
and review Trelease's paper, which shows the  
lack of field observations

You will see Dr Anderson of Sta Cruz  
who was our companion here as far as  
the Missouri River, a very estimable man.

Hoping to hear from you soon

I am very sincerely yours

C.C. Parry

Davenport. Iowa Feb 15<sup>th</sup> / 1889

Dear Watson

I send you with copies of *Ceanothus*  
specimens, & the numbers you can distribute as you  
see fit. I supply nearly all our specimens &  
leaves. D.C. King is our printer. Dr. Conner is our  
correspondent.

I also send parcel of plants for Fred Hart  
which I think will interest you. I shall be glad  
if any criticism of my paper or any views  
of the plants sent. I expect to return to  
California next month, giving up for the present my  
winter visit to L.

Since the printing of *Chorizanthe* it occurs to  
me that possibly the *C. Andersonii* n. sp. may be the  
true *C. diffusa* Benth Pl. Hart, at least it agrees  
very well with the description. Have you  
any dried specimens to compare it with?

You will see I make some sweeping changes  
in *Ceanothus* but I have tried to be as conservative  
as my observations will warrant but are obliged  
to differ seriously from Trelease - with whom I  
have had a free & friendly correspondence.

Do me the honor of raising C. parvifolius or  
C. glandulosus to specific rank, and cannot  
consider C. Palmeri as anything but C. integerrimus.  
Probably you will hardly agree with me in  
reducing C. dentatus & C. floribundus, but I  
could not do anything else with the material  
in my hands.

Of course it is mere guess work to do a, b, c,  
with hybrids in the herb. — but I have certainly  
captured me.

You notice that Greene on The Curran. are  
now at sword points. The latter is a regular  
Arabe who will stop at nothing to vent her  
personal spite — I am out of the fight, &  
mean to keep so.

We have had a delightful winter & see you  
relations. The Smiths & Keeds frequently who always  
speak kindly of you. I enclose in parcel  
a Memorial of Prof. Sheldon with an excellent  
picture which I know will please you. Miss Fook  
side lives in Sheldon Hall — done! It will be always  
safe to address me at Davenport when you are  
uncertain of my whereabouts.

Very sincerely yours — C. C. Barry

Dear Watson: Davenport, Iowa March 13<sup>th</sup> /89

My "Smoky Hill" collection was made on a R.R. Survey in 1867 extending through Kansas to Colorado & New Mexico. We followed up the Smoky Hill fork to near its head & then crossed over the divide to the Arkansas. I suppose the Smoky Hill plants would be comprised in West Kansas. which is a well defined botanical region - but there may have been more western plants included in the collection - I am just packing for a return to California - but my Davenport address will always reach me  
Yours truly C.C. Parry





NOTHING BUT THE ADDRESS TO BE ON THIS SIDE.

Prof. Sereno Watson  
Curator Gray Herbarium  
Cambridge  
Mass

We were all taken back  
at Brandegee marriage! Hardly  
knowing whether to congratulate  
or lute!

You should be out  
here now to see the luxuriant  
vegetation. I never saw the  
country look finer.

I am half tempted to go  
back to West Colorado for a  
few weeks. The summer in country  
I looked so inviting as I  
came through last month.

Yours truly  
A. C. Parry

Savenport Iowa Aug 2<sup>d</sup> 1899

Dear Watson

I am back again  
from California earlier than usual  
but the country was drying up and  
I wanted to see something green.  
I have a little more light on  
the Ceanothus problem. I have  
seen C. dentatus now by the acre  
very distinct from C. papillosus. Though  
nearest to it, and not to be in  
any way confounded with my  
C. foliosus. It is my impression  
that the true C. dentatus is confined  
to a limited district near Monterey.  
I also clear up to my own  
satisfaction C. intricatus Parry,  
which turns out a rather common



Species on Mt slopes about San Francisco Bay was in Cultivation at Berkeley. I suppose it may have been confounded with C. thyrsiflorus or C. divaricatus but is in every way a good sp I am now wrestling with

C. Sordidatus. The original description in Bot Beechey is not very clear and succeeding authors have made it still blinder. I have an impression that the true type belongs to an upper Sacramento species which I have collected and studied this year and which is probably not rare in collections. Lemmon who collected it in 1876 says it was retromed to him as C. thyrsiflorus by you with an "l". It is a distinct enough species and of mt. C. Sordidatus I shall have to name C. Lemmonii. I suppose the type specimen

are only at Kew? and a direct comparison will be the only way to settle the question. Bolander No 4558 is a very different thing which I now know very well from a limited locality at Tam

But of course you are busy with other things just now or better still taking a vacation. I again collected at Sumner Diognon brachyphyllum. This time in early leafy condition. Please name the enclosed Atriplex from N Colorado which grows with A. Wolffii.

freene I hear is in Montana climbing the high Mts. and of course finding lots of new sp.